

L Number	Hits	Search Text	DB	Time stamp
1	1386	514/53	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/30 12:20
2	493	514/53 and (disaccharide or trisaccharide)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/30 12:27
3	71	(514/53 and (disaccharide or trisaccharide)) and cellobiose	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/30 12:23
4	53	((514/53 and (disaccharide or trisaccharide)) and cellobiose) and (alkanoate or ester)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/30 12:23
5	353	514/61	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/30 12:23
6	172	514/61 and (disaccharide or trisaccharide)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/30 12:23
7	15	(514/61 and (disaccharide or trisaccharide)) and cellobiose	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/30 12:24
8	12	((514/61 and (disaccharide or trisaccharide)) and cellobiose) and (alkanoate or ester)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/30 12:24
9	940	536/119	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/30 12:23
10	226	536/119 and (disaccharide or trisaccharide)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/30 12:25
11	77	(536/119 and (disaccharide or trisaccharide)) and cellobiose	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/30 12:25
12	67	((536/119 and (disaccharide or trisaccharide)) and cellobiose) and (alkanoate or ester)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/30 12:27
13	1860	424/65	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/30 12:25
14	52	424/65 and (disaccharide or trisaccharide)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/30 12:25
15	9	(424/65 and (disaccharide or trisaccharide)) and cellobiose	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/30 12:27
16	9	((424/65 and (disaccharide or trisaccharide)) and cellobiose) and (alkanoate or ester)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/30 12:26

17	17801	disaccharide or trisaccharide	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/30 12:27
18	10422	(disaccharide or trisaccharide) and (alkanoate or ester)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/30 12:27
19	971	((disaccharide or trisaccharide) and (alkanoate or ester)) and cellobiose	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/30 12:27
20	3	((((disaccharide or trisaccharide) and (alkanoate or ester)) and cellobiose) and (C9 ADJ ester)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/30 12:28
21	7	((((disaccharide or trisaccharide) and (alkanoate or ester)) and cellobiose) and nonanoate	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/30 12:28

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=> file polymers  
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ENTRY	SESSION
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FULL ESTIMATED COST

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=> s disaccharide or trisaccharide  
L1 79227 DISACCHARIDE OR TRISACCHARIDE

=> s l1 and (ester or alkanolate)  
L2 21221 L1 AND (ESTER OR ALKANOATE)

=> s l2 and cellobiose  
L3 1112 L2 AND CELLOBIOSE

=> s l3 and nonanoate  
L4 9 L3 AND NONANOATE

=> dis l4 1-9 bib abs

L4 ANSWER 1 OF 9 USPATFULL on STN  
AN 2004:114696 USPATFULL  
TI **Disaccharide and trisaccharide C6-C12 fatty acid esters** with high alpha content  
IN Debenham, John Steele, Scotch Plains, NJ, UNITED STATES  
Buchanan, Charles Michael, Kingsport, TN, UNITED STATES  
Wood, Matthew Davie, Gray, TN, UNITED STATES  
Malcolm, Michael Orlando, Kingsport, TN, UNITED STATES  
Moore, Mary Kathleen, Jonesborough, TN, UNITED STATES  
PI US 2004087542 A1 20040506  
AI US 2003-694242 A1 20031027 (10)  
RLI Continuation of Ser. No. US 2001-933409, filed on 20 Aug 2001, GRANTED,  
Pat. No. US 6667397  
PRAI US 2000-227990P 20000825 (60)  
DT Utility  
FS APPLICATION  
LREP NEEDLE & ROSENBERG, P.C., SUITE 1000, 999 PEACHTREE STREET, ATLANTA, GA,  
30309-3915  
CLMN Number of Claims: 20  
ECL Exemplary Claim: 1  
DRWN 6 Drawing Page(s)  
LN.CNT 1089  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
AB The present invention provides **disaccharide** and **trisaccharide** C.sub.6 to C.sub.12 mixed fatty acid **esters** having a high alpha content. Yet still further, the invention provides chemical processes for the preparation of the materials disclosed herein.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 2 OF 9 USPATFULL on STN  
AN 2003:245044 USPATFULL  
TI Novel carbohydrate **esters** and polyol **esters** as

plasticizers for polymers, compositions and articles including such plasticizers and methods of using the same  
IN Buchanan, Charles M., Kingsport, TN, UNITED STATES  
Buchanan, Norma L., Kingsport, TN, UNITED STATES  
Edgar, Kevin J., Kingsport, TN, UNITED STATES  
Lambert, Juanelle L., Gray, TN, UNITED STATES

PI US 2003171458 A1 20030911  
AI US 2003-340012 A1 20030110 (10)  
PRAI US 2002-349063P 20020116 (60)

DT Utility

FS APPLICATION

LREP NEEDLE & ROSENBERG P C, 127 PEACHTREE STREET N E, ATLANTA, GA,  
30303-1811

CLMN Number of Claims: 41

ECL Exemplary Claim: 1

DRWN 15 Drawing Page(s)

LN.CNT 2718

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to methods of making carbohydrate and polyol **esters** suitable for use as plasticizers for polymer compositions. The invention also relates to plasticized polymer compositions comprising such carbohydrate and polyol **esters**. The invention also relates to articles prepared from such plasticized polymer compositions. The invention further relates to methods of using these compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 3 OF 9 USPATFULL on STN

AN 2002:246380 USPATFULL

TI Cosmetic compositions

IN Franklin, Kevin Ronald, Bebington, UNITED KINGDOM

Hopkinson, Andrew, Bebington, UNITED KINGDOM

PA Unilever Home & Personal Care USA, division of Conopco, Inc., Chicago,  
IL, United States (U.S. corporation)

PI US 6455056 B1 20020924

AI US 2000-547804 20000411 (9)

PRAI GB 1999-8212 19990412

DT Utility

FS GRANTED

EXNAM Primary Examiner: Dees, Jose' G.; Assistant Examiner: George, Konata M

LREP Stein, Kevin J.

CLMN Number of Claims: 31

ECL Exemplary Claim: 2

DRWN 0 Drawing Figure(s); 0 Drawing Page(s)

LN.CNT 1683

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A cosmetic composition contains a water-immiscible carrier liquid and a structurant therefor which is effective to gel the composition upon cooling from a temperature at which the structurant is a mobile solution in the carrier liquid. The carrier liquid may serve as a continuous phase in which a solid or liquid disperse phase is suspended. The structurant is a fully or partially esterified saccharide which contains no more than eight monosaccharide residues and has an enthalpy of gelation in the carrier liquid with a magnitude of at least 45 kJ/mole. This minimum enthalpy of gelation facilitates processing at conveniently accessible temperatures and promotes stability.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 4 OF 9 USPATFULL on STN

AN 2002:192295 USPATFULL

TI Methods of preparing **disaccharide** and **trisaccharide**  
C6-C12 fatty acid **esters** with high alpha content and materials

therefrom  
IN Debenham, John Steele, Scotch Plains, NJ, UNITED STATES  
Buchanan, Charles Michael, Kingsport, TN, UNITED STATES  
Wood, Matthew Davie, Gray, TN, UNITED STATES  
Malcolm, Michael Orlando, Kingsport, TN, UNITED STATES  
Moore, Mary Kathleen, Jonesborough, TN, UNITED STATES  
PI US 2002103369 A1 20020801  
US 6667397 B2 20031223  
AI US 2001-933409 A1 20010820 (9)  
PRAI US 2000-227990P 20000825 (60)  
DT Utility  
FS APPLICATION  
LREP JACQUELINE M. HUTTER, NEEDLE & ROSENBERG, P.C., SUITE 1200, 127  
PEACHTREE STREET, NE, ATLANTA, GA, 30303  
CLMN Number of Claims: 25  
ECL Exemplary Claim: 1  
DRWN 6 Drawing Page(s)  
LN.CNT 1103  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
AB The present invention provides chemical processes for the preparation of  
**disaccharide** and **trisaccharide** C.sub.6 to C.sub.12  
fatty acid **esters** having a high alpha content. Yet still  
further, the invention provides materials prepared by the processes  
disclosed herein.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 5 OF 9 USPATFULL on STN  
AN 1999:30758 USPATFULL  
TI Compositions comprising glycacarbamate and glycaurea compounds  
IN Vermeer, Robert, Nutley, NJ, United States  
PA Lever Brothers Company, Division of Conopco, Inc., New York, NY, United  
States (U.S. corporation)  
PI US 5880076 19990309  
AI US 1997-905583 19970804 (8)  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Lieberman, Paul; Assistant Examiner: Delcotto, Gregory  
R.  
LREP Koatz, Ronald A.  
CLMN Number of Claims: 18  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 3789  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
AB Novel personal product and detergent compositions comprising new and  
known glycacarbamate, glycaurea compounds or mixtures thereof are  
disclosed. The personal product compositions exhibit mild cleansing,  
opacifying/pearlescent and suspending action. The liquid detergent  
compositions exhibit enhanced viscosity and improved detergency. The  
powdered detergent compositions exhibit improved flow characteristics  
and improved detergency. Also, disclosed are novel glycacarbamate and  
glycaurea compounds which have enhanced water solubility and do not  
become turbid or produce sedimentation in aqueous compositions as well  
as an improved method of manufacture.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 6 OF 9 USPATFULL on STN  
AN 1999:15738 USPATFULL  
TI Process for producing C.sub.9, C.sub.11 and C.sub.13 alkanols and  
microorganism capable of same  
IN Farbood, Mohamad I., Holmdel, NJ, United States  
Kizer, Laura E., Sea Bright, NJ, United States

McLean, Lynda B., Matawan, NJ, United States  
Sprecker, Mark A., Sea Bright, NJ, United States  
PA International Flavors & Fragrances Inc., New York, NY, United States  
(U.S. corporation)

PI US 5866381 19990202

AI US 1998-64740 19980423

RLI Division of Ser. No. US 1997-915934, filed on 21 Aug 1997

DT Utility

FS Granted

EXNAM Primary Examiner: Lilling, Herbert J.

LREP Liberman, Arthur L.

CLMN Number of Claims: 17

ECL Exemplary Claim: 1

DRWN 9 Drawing Figure(s); 9 Drawing Page(s)

LN.CNT 1355

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Described is a microbiological method for producing C.sub.9, C.sub.11  
and C.sub.13 alkanols defined according to the structures: ##STR1##  
wherein R.sub.1 is methyl or n-propyl using ketones defined according to  
the generic structure: ##STR2## as a substrate and using the  
microorganism: Pseudomonas cepacia ATCC 55792

or mutants thereof.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 7 OF 9 USPATFULL on STN

AN 1998:144060 USPATFULL

TI Process for producing C.sub.9 C.sub.11 and C.sub.13 alkanols and  
microorganism capable of the same

IN Farbood, Mohamad I., Holmdel, NJ, United States

Kizer, Laura E., Sea Bright, NJ, United States

McLean, Lynda B., Matawan, NJ, United States

Sprecker, Mark A., Sea Bright, NJ, United States

PA International Flavors & Fragrances Inc., New York, NY, United States  
(U.S. corporation)

PI US 5837659 19981117

AI US 1997-915934 19970821 (8)

DT Utility

FS Granted

EXNAM Primary Examiner: Lilling, Herbert J.

LREP Liberman, Arthur L.

CLMN Number of Claims: 5

ECL Exemplary Claim: 1

DRWN 9 Drawing Figure(s); 9 Drawing Page(s)

LN.CNT 1325

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Described is a microbiological method for producing C.sub.9, C.sub.11,  
and C.sub.13 alkanols defined according to the structures: ##STR1##  
wherein R.sub.1 is methyl or n-propyl using ketones defined according to  
the generic structure: ##STR2## as a substrate and using the  
microorganism: Pseudomonas cepacia ATCC 55792

or mutants thereof.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 8 OF 9 USPATFULL on STN

AN 97:68148 USPATFULL

TI Personal product compositions comprising heteroatom containing alkyl  
aldonamide compounds

IN Vermeer, Robert, Nutley, NJ, United States

PA Lever Brothers Company, Division of Conopco, Inc., New York, NY, United  
States (U.S. corporation)



PI US 5653970 19970805  
AI US 1994-352008 19941208 (8)  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Gardner, Sallie M.  
LREP Koatz, Ronald A.  
CLMN Number of Claims: 1  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 6060

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to personal product compositions containing heteroatom containing alkyl aldondamide compounds and skin conditioning agent. Unexpectedly, applicants have found that when these heteroatom containing alkyl aldondamides are used, benefits such as enhanced stability and/or enhanced viscosity are obtained relative to the use of other known thickeners or non-heteroatom containing aldondamides.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 9 OF 9 USPAT2 on STN

AN 2002:192295 USPAT2

TI Methods of preparing **disaccharide** and **trisaccharide** C6-C12 fatty acid **esters** with high alpha content and materials therefrom

IN Debenham, John Steele, Kingsport, TN, United States  
Buchanan, Charles Michael, Kingsport, TN, United States  
Wood, Matthew Davie, Gray, TN, United States  
Malcolm, Michael Orlando, Kingsport, TN, United States  
Moore, Mary Kathleen, Jonesborough, TN, United States

PA Eastman Chemical Company, Kingsport, TN, United States (U.S. corporation)

PI US 6667397 B2 20031223  
AI US 2001-933409 20010820 (9)  
PRAI US 2000-227990P 20000825 (60)

DT Utility

FS GRANTED

EXNAM Primary Examiner: Wilson, James O.; Assistant Examiner: Krishnan, Ganapathy

LREP Graves, Bernard J., Blake, Michael J.

CLMN Number of Claims: 22

ECL Exemplary Claim: 1

DRWN 6 Drawing Figure(s); 6 Drawing Page(s)

LN.CNT 1089

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides chemical processes for the preparation of **disaccharide** and **trisaccharide** C.sub.6 to C.sub.12 fatty acid **esters** having a high alpha content. Yet still further, the invention provides materials prepared by the processes disclosed herein.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> dis hist

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FILE 'APOLLIT, BABS, CAPLUS, CBNB, CEN, CIN, DISSABS, EMA, IFIPAT, JICST-EPLUS, PASCAL, PLASNEWS, PROMT, RAPRA, SCISEARCH, TEXTILETECH, USPATFULL, USPAT2, WPIFV, WPINDEXT, WTEXTILES' ENTERED AT 12:46:54 ON 30 AUG 2004

L1 79227 S DISACCHARIDE OR TRISACCHARIDE

L2 21221 S L1 AND (ESTER OR ALKANOATE)

L3 1112 S L2 AND CELLOBIOSE  
L4 9 S L3 AND NONANOATE

=> s l3 and (octa(w)alkanoate or octa(w)nonanoate)  
L5 1 L3 AND (OCTA(W) ALKANOATE OR OCTA(W) NONANOATE)

=> dis l5 bib abs

L5 ANSWER 1 OF 1 USPATFULL on STN  
AN 2002:246380 USPATFULL  
TI Cosmetic compositions  
IN Franklin, Kevin Ronald, Bebington, UNITED KINGDOM  
Hopkinson, Andrew, Bebington, UNITED KINGDOM  
PA Unilever Home & Personal Care USA, division of Conopco, Inc., Chicago,  
IL, United States (U.S. corporation)  
PI US 6455056 B1 20020924  
AI US 2000-547804 20000411 (9)  
PRAI GB 1999-8212 19990412  
DT Utility  
FS GRANTED  
EXNAM Primary Examiner: Dees, Jose' G.; Assistant Examiner: George, Konata M  
LREP Stein, Kevin J.  
CLMN Number of Claims: 31  
ECL Exemplary Claim: 2  
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)  
LN.CNT 1683  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
AB A cosmetic composition contains a water-immiscible carrier liquid and a  
structurant therefor which is effective to gel the composition upon  
cooling from a temperature at which the structurant is a mobile solution  
in the carrier liquid. The carrier liquid may serve as a continuous  
phase in which a solid or liquid disperse phase is suspended. The  
structurant is a fully or partially esterified saccharide which contains  
no more than eight monosaccharide residues and has an enthalpy of  
gelation in the carrier liquid with a magnitude of at least 45 kJ/mole.  
This minimum enthalpy of gelation facilitates processing at conveniently  
accessible temperatures and promotes stability.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s cellobiose  
L6 16739 CELLOBIOSE

=> s l6 and (ester or alkanoate)  
L7 2729 L6 AND (ESTER OR ALKANOATE)

=> s l7 and anomer  
L8 122 L7 AND ANOMER

=> s l8 and (TFAA or anhydride)  
L9 65 L8 AND (TFAA OR ANHYDRIDE)

=> dis l9 1-65 bib abs

L9 ANSWER 1 OF 65 IFIPAT COPYRIGHT 2004 IFI on STN  
AN 10580320 IFIPAT;IFIUDB;IFICDB  
TI DISACCHARIDE AND TRISACCHARIDE C6-C12 FATTY ACID **ESTERS** WITH  
HIGH ALPHA CONTENT  
INF Buchanan; Charles Michael, Kingsport, TN, US  
Debenham; John Steele, Scotch Plains, NJ, US  
Malcolm; Michael Orlando, Kingsport, TN, US  
Moore; Mary Kathleen, Jonesborough, TN, US  
Wood; Matthew Davie, Gray, TN, US

IN Buchanan Charles Michael; Debenham John Steele; Malcolm Michael Orlando;  
Moore Mary Kathleen; Wood Matthew Davie

PAF Unassigned

PA Unassigned Or Assigned To Individual (68000)

AG NEEDLE & ROSENBERG, P.C., SUITE 1000, 999 PEACHTREE STREET, ATLANTA, GA,  
30309-3915, US

PI US 2004087542 A1 20040506

AI US 2003-694242 20031027

RLI US 2001-933409 20010820 CONTINUATION 6667397

PRAI US 2000-227990P 20000825 (Provisional)

FI US 2004087542 20040506  
US 6667397

DT Utility; Patent Application - First Publication

FS CHEMICAL  
APPLICATION

PARN This application is a divisional of U.S. application Ser. No. 09/  
933,409, filed Aug. 20, 2001, which status is allowed. Application Ser.  
No. 09/933,409 claims priority to U.S. Provisional Application No.  
60/227,990, filed Aug. 25, 2000. Application Ser. Nos. 09/933,409 and  
60/227,990 are hereby incorporated in their entireties by this reference.

CLMN 20

GI 6 Figure(s).  
FIG. 1 provides the chemical structures of alpha and betacellobiose  
octanonanoate.  
FIG. 2 shows the conversion of beta-D-cellobiose to  
alpha-Dcellobiose octanonanoate.  
FIG. 3 shows a 1H NMR spectrum of cellobiose octanonanoate with  
anomeric alpha and beta reducing end ring hydrogens expanded.  
FIG. 4 shows the resolution of the alpha and beta-anomers of  
cellubiose octanoranoate in an HPLC plot.  
FIG. 5 shows a plot of alpha-content vs. volumes of precipitation  
solution.  
FIG. 6 shows the MALDI spectrum of the nonanoic and decanoic acid mixed  
cellobiose C6 to C12 esters.

OF 65 IFIPAT COPYRIGHT 2004 IFI on STN

AB The present invention provides disaccharide and trisaccharide C6 to C12  
mixed fatty acid esters having a high alpha content. Yet still  
further, the invention provides chemical processes for the preparation of  
the materials disclosed herein.

CLMN 20 6 Figure(s).  
FIG. 1 provides the chemical structures of alpha and betacellobiose  
octanonanoate.  
FIG. 2 shows the conversion of beta-D-cellobiose to  
alpha-Dcellobiose octanonanoate.  
FIG. 3 shows a 1H NMR spectrum of cellobiose octanonanoate with  
anomeric alpha and beta reducing end ring hydrogens expanded.  
FIG. 4 shows the resolution of the alpha and beta-anomers of  
cellubiose octanoranoate in an HPLC plot.  
FIG. 5 shows a plot of alpha-content vs. volumes of precipitation  
solution.  
FIG. 6 shows the MALDI spectrum of the nonanoic and decanoic acid mixed  
cellobiose C6 to C12 esters.

L9 ANSWER 2 OF 65 IFIPAT COPYRIGHT 2004 IFI on STN

AN 10427034 IFIPAT;IFIUDB;IFICDB

TI NOVEL CARBOHYDRATE ESTERS AND POLYOL ESTERS AS  
PLASTICIZERS FOR POLYMERS, COMPOSITIONS AND ARTICLES INCLUDING SUCH  
PLASTICIZERS AND METHODS OF USING THE SAME

INF Buchanan; Charles M., Kingsport, TN, US  
Buchanan; Norma L., Kingsport, TN, US  
Edgar; Kevin J., Kingsport, TN, US  
Lambert; Juanelle L., Gray, TN, US

IN Buchanan Charles M; Buchanan Norma L; Edgar Kevin J; Lambert Juanelle L

PAF Unassigned

PA Unassigned Or Assigned To Individual (68000)

AG NEEDLE & ROSENBERG P C, 127 PEACHTREE STREET N E, ATLANTA, GA,  
30303-1811, US

PI US 2003171458 A1 20030911

AI US 2003-340012 20030110

PRAI US 2002-349063P 20020116 (Provisional)

FI US 2003171458 20030911

DT Utility; Patent Application - First Publication

FS CHEMICAL  
APPLICATION

PARN This application claims priority to U.S. provisional application No.  
60/349,063, the disclosure of which is incorporated herein in its  
entirety by this reference.

CLMN 41

GI 15 Figure(s).

FIG. 1 shows the alpha and beta **anomers** of glucose and their  
reactions with acetic **anhydride** using different catalysts.

FIG. 2 shows the relative rates of reaction of butyric **anhydride**  
with glucose using different catalysts as measured by in situ infrared  
spectroscopy.

FIG. 3 shows the water bands, and the carbonyl bands for propionic acid  
and the carbonyl bands for the propionate **ester** of glucose. The  
infrared spectra were collected in situ before the removal of water and  
after the removal of water from an aqueous/propionic acid glucose  
solution.

FIG. 4 shows the addition of water and the azeotropic distillation of  
water and propionic acid from GPP as measured by in situ infrared  
spectroscopy.

FIG. 5 shows the carbonyl bands for propionic acid and for the propionate  
**ester** of glucose. The infrared spectra were collected in situ  
before beginning an azeotropic distillation and after completion of the  
distillation.

FIG. 6 shows the break stress of CAP plasticized with polyol  
**esters** of the present invention and with prior art plasticizers  
as comparative examples.

FIG. 7 shows the flexural modulus of CAP plasticized with the polyol  
**esters** of the present invention and with prior art plasticizers  
as comparative examples.

FIG. 8 shows the notched Izod impact strength for CAP plasticized with the  
polyol **esters** of the present invention and with prior art  
plasticizers as comparative examples.

FIG. 9 shows the flexural modulus versus notched Izod impact strength for  
CAP plasticized with the polyol **esters** of the present invention  
and with prior art plasticizers as comparative example.

FIG. 10 provides representative 2nd scan DSC heating curves for the parent  
PVC and for the formulations containing GPP.

FIG. 11 is a DMTA spectrum for CAP containing 19.9 wt. % XPP.

FIG. 12 illustrates the loss modulus for selected CAP-XPA, XPP blends. The  
arrows indicate the temperatures at which the beta transitions are  
centered.

FIG. 13 illustrates the tan delta for selected CAP-XPA, XPP blends. The  
arrows indicate the temperatures at which the beta transitions are  
centered. In the case of the 16.5 wt. % XPA blend, the beta transition  
has shifted to a higher temperature and partially overlaps with the alpha  
transition.

FIG. 14 illustrates the loss modulus for selected CAB-XPA, XPP blends. The  
arrows indicate the temperatures at which the beta transitions are  
centered.

FIG. 15 illustrates the tan delta for selected CAB-XPA, XPP blends. The  
arrows indicate the temperatures at which the beta transitions are  
centered. In the case of the XPA blends, the beta transitions have  
shifted to higher temperatures and partially overlaps with the a  
transition.

AB The invention relates to methods of making carbohydrate and polyol **esters** suitable for use as plasticizers for polymer compositions. The invention also relates to plasticized polymer compositions comprising such carbohydrate and polyol **esters**. The invention also relates to articles prepared from such plasticized polymer compositions. The invention further relates to methods of using these compositions.

CLMN 41 15 Figure(s).

FIG. 1 shows the alpha and beta **anomers** of glucose and their reactions with acetic **anhydride** using different catalysts.

FIG. 2 shows the relative rates of reaction of butyric **anhydride** with glucose using different catalysts as measured by in situ infrared spectroscopy.

FIG. 3 shows the water bands, and the carbonyl bands for propionic acid and the carbonyl bands for the propionate **ester** of glucose. The infrared spectra were collected in situ before the removal of water and after the removal of water from an aqueous/propionic acid glucose solution.

FIG. 4 shows the addition of water and the azeotropic distillation of water and propionic acid from GPP as measured by in situ infrared spectroscopy.

FIG. 5 shows the carbonyl bands for propionic acid and for the propionate **ester** of glucose. The infrared spectra were collected in situ before beginning an azeotropic distillation and after completion of the distillation.

FIG. 6 shows the break stress of CAP plasticized with polyol **esters** of the present invention and with prior art plasticizers as comparative examples.

FIG. 7 shows the flexural modulus of CAP plasticized with the polyol **esters** of the present invention and with prior art plasticizers as comparative examples.

FIG. 8 shows the notched Izod impact strength for CAP plasticized with the polyol **esters** of the present invention and with prior art plasticizers as comparative examples.

FIG. 9 shows the flexural modulus versus notched Izod impact strength for CAP plasticized with the polyol **esters** of the present invention and with prior art plasticizers as comparative example.

FIG. 10 provides representative 2nd scan DSC heating curves for the parent PVC and for the formulations containing GPP.

FIG. 11 is a DMTA spectrum for CAP containing 19.9 wt. % XPP.

FIG. 12 illustrates the loss modulus for selected CAP-XPA, XPP blends. The arrows indicate the temperatures at which the beta transitions are centered.

FIG. 13 illustrates the tan delta for selected CAP-XPA, XPP blends. The arrows indicate the temperatures at which the beta transitions are centered. In the case of the 16.5 wt. % XPA blend, the beta transition has shifted to a higher temperature and partially overlaps with the alpha transition.

FIG. 14 illustrates the loss modulus for selected CAB-XPA, XPP blends. The arrows indicate the temperatures at which the beta transitions are centered.

FIG. 15 illustrates the tan delta for selected CAB-XPA, XPP blends. The arrows indicate the temperatures at which the beta transitions are centered. In the case of the XPA blends, the beta transitions have shifted to higher temperatures and partially overlaps with the alpha transition.

L9 ANSWER 3 OF 65 IFIPAT COPYRIGHT 2004 IFI on STN

AN 10159727 IFIPAT;IFIUDB;IFICDB

TI METHODS OF PREPARING DISACCHARIDE AND TRISACCHARIDE C6-C12 FATTY ACID **ESTERS** WITH HIGH ALPHA CONTENT AND MATERIALS THEREFROM; GENERATING PREFERENTIAL OLIGOSACCHARIDE **ESTER**; OBTAIN OLIGOSACCHARIDE, INCUBATE WITH CATALYST, HEAT, RECOVER OLIGOSACCHARIDE **ESTER**2

INF Buchanan; Charles Michael, Kingsport, TN, US

Debenham; John Steele, Scotch Plains, NJ, US  
Malcolm; Michael Orlando, Kingsport, TN, US  
Moore; Mary Kathleen, Jonesborough, TN, US  
Wood; Matthew Davie, Gray, TN, US

IN Buchanan Charles Michael; Debenham John Steele; Malcolm Michael Orlando;  
Moore Mary Kathleen; Wood Matthew Davie

PAF Unassigned  
PA Unassigned Or Assigned To Individual (68000)  
PPA Eastman Chemical Co (Probable)  
AG JACQUELINE M. HUTTER NEEDLE & ROSENBERG, P.C., SUITE 1200, 127 PEACHTREE  
STREET, NE ATLANTA, GA, 30303, US

PI US 2002103369 A1 20020801  
AI US 2001-933409 20010820  
PRAI US 2000-227990P 20000825 (Provisional)  
FI US 2002103369 20020801  
US 6667397 20031223

DT Utility; Patent Application - First Publication  
FS CHEMICAL  
APPLICATION

CLMN 25  
GI 6 Figure(s).

FIG. 1 provides the chemical structures of alpha and betacellobiose octanonanoate.  
FIG. 2 shows the conversion of beta-D-**cellobiose** to alpha-Dcellobiose octanonanoate.  
FIG. 3 shows a <sup>1</sup>H NMR spectrum of **cellobiose** octanonanoate with anomeric alpha and beta reducing end ring hydrogens expanded.  
FIG. 4 shows the resolution of the alpha and beta-**anomers** of cellubiose octanoranoate in an HPLC plot.  
FIG. 5 shows a plot of alpha-content vs. volumes of precipitation solution.  
FIG. 6 shows the MALDI spectrum of the nonanoic and decanoic acid mixed **cellobiose** C6 to C12 **esters**.

AB The present invention provides chemical processes for the preparation of disaccharide and trisaccharide C6 to C12 fatty acid **esters** having a high alpha content. Yet still further, the invention provides materials prepared by the processes disclosed herein.

CLMN 25 6 Figure(s).

FIG. 1 provides the chemical structures of alpha and betacellobiose octanonanoate.  
FIG. 2 shows the conversion of beta-D-**cellobiose** to alpha-Dcellobiose octanonanoate.  
FIG. 3 shows a <sup>1</sup>H NMR spectrum of **cellobiose** octanonanoate with anomeric alpha and beta reducing end ring hydrogens expanded.  
FIG. 4 shows the resolution of the alpha and beta-**anomers** of cellubiose octanoranoate in an HPLC plot.  
FIG. 5 shows a plot of alpha-content vs. volumes of precipitation solution.  
FIG. 6 shows the MALDI spectrum of the nonanoic and decanoic acid mixed **cellobiose** C6 to C12 **esters**.

L9 ANSWER 4 OF 65 IFIPAT COPYRIGHT 2004 IFI on STN  
AN 03991663 IFIPAT;IFIUDB;IFICDB  
TI METHODS OF PREPARING DISACCHARIDE AND TRISACCHARIDE C6-C12 FATTY ACID **ESTERS** WITH HIGH ALPHA CONTENT AND MATERIALS THEREFROM;  
GENERATING PREFERENTIAL OLIGOSACCHARIDE **ESTER**; OBTAIN OLIGOSACCHARIDE, INCUBATE WITH CATALYST, HEAT, RECOVER OLIGOSACCHARIDE **ESTER**2

INF Buchanan; Charles Michael, Kingsport, TN  
Debenham; John Steele, Kingsport, TN  
Malcolm; Michael Orlando, Kingsport, TN  
Moore; Mary Kathleen, Jonesborough, TN  
Wood; Matthew Davie, Gray, TN

IN Buchanan Charles Michael; Debenham John Steele; Malcolm Michael Orlando;

Moore Mary Kathleen; Wood Matthew Davie  
PAF Eastman Chemical Company, Kingsport, TN, US  
PA Eastman Chemical Co (28790)  
EXNAM Wilson, James O  
EXNAM Krishnan, Ganapathy  
AG Blake Michael J.  
Graves Bernard J.  
PI US 6667397 B2 20031223  
US 2002103369 A1 20020801  
AI US 2001-933409 20010820  
XPD 20 Aug 2021  
PRAI US 2000-227990P 20000825 (Provisional)  
FI US 6667397 20031223  
US 2002103369 20020801  
DT Utility; Granted Patent - Utility, with Pre-Grant Publication;  
CERTIFICATE OF CORRECTION  
CDAT 4 May 2004  
FS CHEMICAL  
GRANTED  
PARN This application claims priority to U.S. Provisional Application No.  
60/227,990 filed Aug. 25, 2000, which application is incorporated in its  
entirety by this reference.  
NTE INDEXED FROM APPLICATION  
MRN 012477 MFN: 0735  
CLMN 22  
GI 6 Drawing Sheet(s), 6 Figure(s).  
FIG. 1 provides the chemical structures of alpha and betacellobiose  
octanonanoate.  
FIG. 2 shows the conversion of beta-D-cellobiose to  
alpha-Dcellobiose octanonanoate.  
FIG. 3 shows a 1H NMR spectrum of **cellobiose** octanonanoate with  
anomeric alpha and beta reducing end ring hydrogens expanded.  
FIG. 4 shows the resolution of the alpha and beta-anomers of  
cellubiose octanoranoate in an HPLC plot.  
FIG. 5 shows a plot of alpha-content vs. volumes of precipitation  
solution.  
FIG. 6 shows the MALDI spectrum of the nonanoic and decanoic acid mixed  
**cellobiose** C6 to C12 **esters**.  
OF 65 IFIPAT COPYRIGHT 2004 IFI on STN  
AB The present invention provides chemical processes for the preparation of  
disaccharide and trisaccharide C6 to C12 fatty acid **esters**  
having a high alpha content. Yet still further, the invention provides  
materials prepared by the processes disclosed herein.  
NTE INDEXED FROM APPLICATION  
CLMN 22  
GI 6 Drawing Sheet(s), 6 Figure(s).  
FIG. 1 provides the chemical structures of alpha and betacellobiose  
octanonanoate.  
FIG. 2 shows the conversion of beta-D-cellobiose to  
alpha-Dcellobiose octanonanoate.  
FIG. 3 shows a 1H NMR spectrum of **cellobiose** octanonanoate with  
anomeric alpha and beta reducing end ring hydrogens expanded.  
FIG. 4 shows the resolution of the alpha and beta-anomers of  
cellubiose octanoranoate in an HPLC plot.  
FIG. 5 shows a plot of alpha-content vs. volumes of precipitation  
solution.  
FIG. 6 shows the MALDI spectrum of the nonanoic and decanoic acid mixed  
**cellobiose** C6 to C12 **esters**.  
L9 ANSWER 5 OF 65 USPATFULL on STN  
AN 2004:165946 USPATFULL  
TI 1,3,5-Triazines for treatment of viral diseases  
IN Daifuku, Richard, Mercer Island, WA, UNITED STATES  
Gall, Alexander, Woodinville, WA, UNITED STATES

Sergueev, Dmitri, Kirkland, WA, UNITED STATES  
 PA Koronis Pharmaceuticals, Inc., Richmond, WA, UNITED STATES (U.S. corporation)  
 PI US 2004127436 A1 20040701  
 AI US 2003-670915 A1 20030924 (10)  
 PRAI US 2002-413337P 20020924 (60)  
 DT Utility  
 FS APPLICATION  
 LREP TOWNSEND AND TOWNSEND AND CREW, LLP, TWO EMBARCADERO CENTER, EIGHTH FLOOR, SAN FRANCISCO, CA, 94111-3834  
 CLMN Number of Claims: 28  
 ECL Exemplary Claim: 1  
 DRWN 15 Drawing Page(s)  
 LN.CNT 3678  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 AB The present invention provides compounds and methods for treatment of viral diseases and cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 6 OF 65 USPATFULL on STN  
 AN 2004:138657 USPATFULL  
 TI Antiperspirant or deodorant compositions comprising activated aluminium chlorhydrate  
 IN Chuah, Beng Sim, Belangor, MALAYSIA  
 Franklin, Kevin Ronald, Merseyside, UNITED KINGDOM  
 Hough, Gordon Charles, Leeds, UNITED KINGDOM  
 PI US 2004105829 A1 20040603  
 AI US 2003-250891 A1 20031208 (10)  
 WO 2001-EP15389 20011228  
 PRAI GB 2001-549 20010109  
 DT Utility  
 FS APPLICATION  
 LREP UNILEVER, PATENT DEPARTMENT, 45 RIVER ROAD, EDGEWATER, NJ, 07020  
 CLMN Number of Claims: 29  
 ECL Exemplary Claim: 1  
 DRWN No Drawings  
 LN.CNT 1231  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 AB Translucent anhydrous formulations containing particulate commercially available activated aluminium chlorhydrate (AACH) have a perceptible yellowness. The yellowness of translucent anhydrous compositions containing AACH can be ameliorated or eliminated whilst retaining the improved antiperspirant efficacy of AACH by controlling its water content to the range of 9 to 18%. The appearance of yellow formulations in or on a dispensing package, prior to application to the body, can appear to be neutralised to the human eye by employing a dispenser having a complementary colour in wall contacting the formulation, to promote achromicity. The complementary colour of the wall is dark green for yellow formulations.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 7 OF 65 USPATFULL on STN  
 AN 2004:126972 USPATFULL  
 TI Crystal structures of retaining glycosyltransferases  
 IN Withers, Stephen G., Vancouver, CANADA  
 Wakarchuk, Warren W., Gloucester, CANADA  
 Strynadka, Natalie C.J., Vancouver, CANADA  
 Dieckelmann, Manuela, Brisbane, AUSTRALIA  
 Ly, Hoa, Kitchener Ontario, CANADA  
 Persson, Karina, Vancouver, CANADA  
 PI US 2004096951 A1 20040520  
 AI US 2003-450802 A1 20031117 (10)



WO 2001-CA1793 20011214  
DT Utility  
FS APPLICATION  
LREP DANN, DORFMAN, HERRELL & SKILLMAN, 1601 MARKET STREET, SUITE 2400,  
PHILADELPHIA, PA, 19103-2307  
CLMN Number of Claims: 51  
ECL Exemplary Claim: 1  
DRWN 11 Drawing Page(s)  
LN.CNT 14464  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
AB The present invention relates to a crystal comprising the ligand binding  
pocket of a glycosyltransferase enzyme and optionally a donor molecule  
or analogue thereof and/or an acceptor molecule or analogue thereof. The  
present invention also relates to the use of such a crystal to identify  
ligands capable of modulating glycosyltransferase activity, and the use  
of such ligands in therapeutic applications.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 8 OF 65 USPATFULL on STN  
AN 2004:114696 USPATFULL  
TI Disaccharide and trisaccharide C6-C12 fatty acid **esters** with  
high alpha content  
IN Debenham, John Steele, Scotch Plains, NJ, UNITED STATES  
Buchanan, Charles Michael, Kingsport, TN, UNITED STATES  
Wood, Matthew Davie, Gray, TN, UNITED STATES  
Malcolm, Michael Orlando, Kingsport, TN, UNITED STATES  
Moore, Mary Kathleen, Jonesborough, TN, UNITED STATES  
PI US 2004087542 A1 20040506  
AI US 2003-694242 A1 20031027 (10)  
RLI Continuation of Ser. No. US 2001-933409, filed on 20 Aug 2001, GRANTED,  
Pat. No. US 6667397  
PRAI US 2000-227990P 20000825 (60)  
DT Utility  
FS APPLICATION  
LREP NEEDLE & ROSENBERG, P.C., SUITE 1000, 999 PEACHTREE STREET, ATLANTA, GA,  
30309-3915  
CLMN Number of Claims: 20  
ECL Exemplary Claim: 1  
DRWN 6 Drawing Page(s)  
LN.CNT 1089  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
AB The present invention provides disaccharide and trisaccharide C.sub.6 to  
C.sub.12 mixed fatty acid **esters** having a high alpha content.  
Yet still further, the invention provides chemical processes for the  
preparation of the materials disclosed herein.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 9 OF 65 USPATFULL on STN  
AN 2004:58189 USPATFULL  
TI Derivatized carbohydrates and their use in solid delivery systems  
IN Davidson, Iain, Nottingham, UNITED KINGDOM  
Blair, Julian, Nottingham, UNITED KINGDOM  
PI US 2004044196 A1 20040304  
AI US 2003-415549 A1 20030724 (10)  
WO 2001-GB4832 20011031  
PRAI GB 2000-26593 20001031  
DT Utility  
FS APPLICATION  
LREP SALIWANCHIK LLOYD & SALIWANCHIK, A PROFESSIONAL ASSOCIATION, 2421 N.W.  
41ST STREET, SUITE A-1, GAINESVILLE, FL, 326066669  
CLMN Number of Claims: 20  
ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 835

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB In a composition comprising a therapeutic agent and a compound which is a trisaccharide or higher polysaccharide, that compound has the formula  $X[-Y-Z]_{\text{sub.n}}$  wherein X and Z are each saccharide molecules in which none, some or all OH groups are derivatised; Y is an **ester** linkage to an exocyclic C atom in X; and n is an integer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 10 OF 65 USPATFULL on STN

AN 2003:245044 USPATFULL

TI Novel carbohydrate **esters** and polyol **esters** as plasticizers for polymers, compositions and articles including such plasticizers and methods of using the same

IN Buchanan, Charles M., Kingsport, TN, UNITED STATES

Buchanan, Norma L., Kingsport, TN, UNITED STATES

Edgar, Kevin J., Kingsport, TN, UNITED STATES

Lambert, Juanelle L., Gray, TN, UNITED STATES

PI US 2003171458 A1 20030911

AI US 2003-340012 A1 20030110 (10)

PRAI US 2002-349063P 20020116 (60)

DT Utility

FS APPLICATION

LREP NEEDLE & ROSENBERG P C, 127 PEACHTREE STREET N E, ATLANTA, GA, 30303-1811

CLMN Number of Claims: 41

ECL Exemplary Claim: 1

DRWN 15 Drawing Page(s)

LN.CNT 2718

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to methods of making carbohydrate and polyol **esters** suitable for use as plasticizers for polymer compositions. The invention also relates to plasticized polymer compositions comprising such carbohydrate and polyol **esters**. The invention also relates to articles prepared from such plasticized polymer compositions. The invention further relates to methods of using these compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 11 OF 65 USPATFULL on STN

AN 2003:187405 USPATFULL

TI Pretargeting methods and compounds

IN Theodore, Louis J., Lynnwood, WA, UNITED STATES

Axworthy, Donald B., Brier, WA, UNITED STATES

Reno, John M., Brier, WA, UNITED STATES

PA NeoRx Corporation, Seattle, WA, UNITED STATES, 98119 (U.S. corporation)

PI US 2003129191 A1 20030710

AI US 2002-125788 A1 20020417 (10)

RLI Continuation of Ser. No. US 2000-561736, filed on 25 Apr 2000, GRANTED, Pat. No. US 6416738 Continuation of Ser. No. US 1994-350551, filed on 7 Dec 1994, GRANTED, Pat. No. US 6075010 Continuation-in-part of Ser. No. US 1993-163184, filed on 7 Dec 1993, ABANDONED Continuation-in-part of Ser. No. WO 1993-US5406, filed on 7 Jun 1993, PENDING Continuation-in-part of Ser. No. US 1992-995381, filed on 23 Dec 1992, ABANDONED

DT Utility

FS APPLICATION

LREP SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092

CLMN Number of Claims: 48

ECL Exemplary Claim: 1

DRWN 20 Drawing Page(s)

LN.CNT 5470

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Methods, compounds, compositions and kits that relate to pretargeted delivery of diagnostic and therapeutic agents are disclosed. In particular, methods for radiometal labeling of biotin, as well as related compounds, are described. Clearing agents and clearance mechanisms are also discussed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 12 OF 65 USPATFULL on STN

AN 2003:152254 USPATFULL

TI Antiperspirant compositions

IN Clare, Sarah Jayne, Merseyside, UNITED KINGDOM

Franklin, Kevin Ronald, Merseyside, UNITED KINGDOM

Murphy, Angela Mary, Merseyside, UNITED KINGDOM

Gransden, Kathryn Elizabeth, Merseyside, UNITED KINGDOM

Turner, Graham Andrew, Merseyside, UNITED KINGDOM

PA Unilever Home and Personal Care USA, Division of Conopco, Inc. (non-U.S. corporation)

PI US 2003103920 A1 20030605

AI US 2002-147271 A1 20020516 (10)

RLI Continuation of Ser. No. US 2001-902276, filed on 10 Jul 2001, GRANTED, Pat. No. US 6391291

PRAI GB 2000-16937 20000710

DT Utility

FS APPLICATION

LREP UNILEVER, PATENT DEPARTMENT, 45 RIVER ROAD, EDGEWATER, NJ, 07020

CLMN Number of Claims: 23

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 1542

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A firm solid antiperspirant composition having a continuous phase comprising water-immiscible liquid containing

i) one or more gelating structurant materials which form a network of fibres within the liquid, and

ii) a polymeric thickener which has an organic polymer backbone containing at least five monomer repeat units, which polymer has the ability to increase the viscosity of the water-immiscible liquid in the absence of the gelating structurant materials; and

iii) an antiperspirant active dispersed in the continuous phase, said composition being free from or containing less than 3% by weight of a fatty alcohol that is solid at 20° C.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 13 OF 65 USPATFULL on STN

AN 2002:317264 USPATFULL

TI Combinatorial approach for generating novel coordination complexes

IN Jacobsen, Eric N., Boston, MA, United States

Francis, Matthew B., Somerville, MA, United States

Finney, Nathaniel S., West Somerville, MA, United States

PA President and Fellows of Harvard College, Cambridge, MA, United States (U.S. corporation)

PI US 6489093 B1 20021203

AI US 1997-933714 19970919 (8)

PRAI US 1996-26432P 19960920 (60)

DT Utility

FS GRANTED

EXNAM Primary Examiner: Celsa, Bennett  
LREP Gordon, Dana M., Foley Hoag LLP  
CLMN Number of Claims: 5  
ECL Exemplary Claim: 1  
DRWN 35 Drawing Figure(s); 35 Drawing Page(s)  
LN.CNT 2047

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides methods and compositions, i.e. synthetic libraries of binding moieties, for identifying compounds which bind to a metal atom or to non-metal ions, e.g., cationic or anionic molecules.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 14 OF 65 USPATFULL on STN  
AN 2002:294308 USPATFULL  
TI Neoglycoproteins  
IN Duthaler, Rudolf, Bettingen, SWITZERLAND  
Katopodis, Andreas, Oberwil, SWITZERLAND  
Kinzy, Willy, Lorrach, GERMANY, FEDERAL REPUBLIC OF  
Ohrlein, Reinhold, Rheinfelden, GERMANY, FEDERAL REPUBLIC OF  
Thoma, Gebhard, Lorrach, GERMANY, FEDERAL REPUBLIC OF  
PI US 2002164347 A1 20021107  
US 6723831 B2 20040420  
AI US 2002-123396 A1 20020416 (10)  
RLI Continuation of Ser. No. US 1999-403111, filed on 14 Oct 1999, GRANTED,  
Pat. No. US 6399071  
PRAI EP 1997-810243 19970418  
EP 1997-810244 19970418  
GB 1998-2450 19980205  
DT Utility  
FS APPLICATION  
LREP THOMAS HOXIE, NOVARTIS CORPORATION, PATENT AND TRADEMARK DEPT, 564  
MORRIS AVENUE, SUMMIT, NJ, 079011027  
CLMN Number of Claims: 10  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 1885

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Polyamide conjugates comprising either (a) a xenoantigenic group; or (b) a biologically active group and a macromolecular, macro- or microscopic entity; bound to a polyamide backbone, processes for their preparation and the use of these conjugates in therapeutic compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 15 OF 65 USPATFULL on STN  
AN 2002:246380 USPATFULL  
TI Cosmetic compositions  
IN Franklin, Kevin Ronald, Bebington, UNITED KINGDOM  
Hopkinson, Andrew, Bebington, UNITED KINGDOM  
PA Unilever Home & Personal Care USA, division of Conopco, Inc., Chicago,  
IL, United States (U.S. corporation)  
PI US 6455056 B1 20020924  
AI US 2000-547804 20000411 (9)  
PRAI GB 1999-8212 19990412  
DT Utility  
FS GRANTED  
EXNAM Primary Examiner: Dees, Jose' G.; Assistant Examiner: George, Konata M  
LREP Stein, Kevin J.  
CLMN Number of Claims: 31  
ECL Exemplary Claim: 2  
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)  
LN.CNT 1683

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A cosmetic composition contains a water-immiscible carrier liquid and a structurant therefor which is effective to gel the composition upon cooling from a temperature at which the structurant is a mobile solution in the carrier liquid. The carrier liquid may serve as a continuous phase in which a solid or liquid disperse phase is suspended. The structurant is a fully or partially esterified saccharide which contains no more than eight monosaccharide residues and has an enthalpy of gelation in the carrier liquid with a magnitude of at least 45 kJ/mole. This minimum enthalpy of gelation facilitates processing at conveniently accessible temperatures and promotes stability.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 16 OF 65 USPATFULL on STN  
AN 2002:192295 USPATFULL  
TI Methods of preparing disaccharide and trisaccharide C6-C12 fatty acid  
**esters** with high alpha content and materials therefrom  
IN Debenham, John Steele, Scotch Plains, NJ, UNITED STATES  
Buchanan, Charles Michael, Kingsport, TN, UNITED STATES  
Wood, Matthew Davie, Gray, TN, UNITED STATES  
Malcolm, Michael Orlando, Kingsport, TN, UNITED STATES  
Moore, Mary Kathleen, Jonesborough, TN, UNITED STATES  
PI US 2002103369 A1 20020801  
US 6667397 B2 20031223  
AI US 2001-933409 A1 20010820 (9)  
PRAI US 2000-227990P 20000825 (60)  
DT Utility  
FS APPLICATION  
LREP JACQUELINE M. HUTTER, NEEDLE & ROSENBERG, P.C., SUITE 1200, 127  
PEACHTREE STREET, NE, ATLANTA, GA, 30303  
CLMN Number of Claims: 25  
ECL Exemplary Claim: 1  
DRWN 6 Drawing Page(s)  
LN.CNT 1103

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides chemical processes for the preparation of disaccharide and trisaccharide C.sub.6 to C.sub.12 fatty acid **esters** having a high alpha content. Yet still further, the invention provides materials prepared by the processes disclosed herein.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 17 OF 65 USPATFULL on STN  
AN 2002:191547 USPATFULL  
TI Parallel combinatorial approach to the discovery and optimization of catalysts and uses thereof  
IN Jacobsen, Eric N., Boston, MA, UNITED STATES  
Sigman, Matthew S., Somerville, MA, UNITED STATES  
PI US 2002102612 A1 20020801  
US 6709824 B2 20040323  
AI US 2001-962012 A1 20010924 (9)  
RLI Division of Ser. No. US 1998-64462, filed on 22 Apr 1998, PATENTED  
PRAI US 1998-80461P 19980402 (60)  
DT Utility  
FS APPLICATION  
LREP FOLEY, HOAG & ELIOT, LLP, PATENT GROUP, ONE POST OFFICE SQUARE, BOSTON, MA, 02109  
CLMN Number of Claims: 54  
ECL Exemplary Claim: 1  
DRWN 5 Drawing Page(s)  
LN.CNT 2795

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides methods and compositions, i.e. synthetic libraries of candidate compounds, useful in the discovery and

optimization of compounds which catalyze at least one chemical transformation. In certain instances, the subject compounds catalyze a chemoselective, regioselective, stereoselective or enantioselective transformation.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 18 OF 65 USPATFULL on STN  
AN 2002:167864 USPATFULL  
TI Pretargeting methods and compounds  
IN Theodore, Louis J., Lynnwood, WA, United States  
Axworthy, Donald B., Brier, WA, United States  
Reno, John M., Brier, WA, United States  
PA NeoRx Corporation, Seattle, WA, United States (U.S. corporation)  
PI US 6416738 B1 20020709  
AI US 2000-561736 20000425 (9)  
RLI Continuation of Ser. No. US 1994-350551, filed on 7 Dec 1994, now patented, Pat. No. US 6075010 Continuation-in-part of Ser. No. US 1973-163184, filed on 7 Dec 1973, now abandoned Continuation-in-part of Ser. No. WO 1993-US5406, filed on 7 Jun 1993 Continuation-in-part of Ser. No. US 1992-995381, filed on 23 Dec 1992, now abandoned Continuation-in-part of Ser. No. US 1992-895588, filed on 9 Jun 1992, now patented, Pat. No. US 5283342  
DT Utility  
FS GRANTED  
EXNAM Primary Examiner: Huff, Sheela  
LREP Seed Intellectual Property Law Group PLLC  
CLMN Number of Claims: 20  
ECL Exemplary Claim: 1  
DRWN 29 Drawing Figure(s); 20 Drawing Page(s)  
LN.CNT 5294

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Methods, compounds, compositions and kits that relate to pretargeted delivery of diagnostic and therapeutic agents are disclosed. In particular, methods for radiometal labeling of biotin, as well as related compounds, are described. Clearing agents and clearance mechanisms are also discussed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 19 OF 65 USPATFULL on STN  
AN 2002:148249 USPATFULL  
TI Cosmetic compositions  
IN Franklin, Kevin Ronald, Wirral, UNITED KINGDOM  
Lasbistes, Nicolas, Wirral, UNITED KINGDOM  
Webb, Nicholas, Wirral, UNITED KINGDOM  
White, Michael Stephen, Wirral, UNITED KINGDOM  
PA Unilever Home & Personal Care USA, Division of Conopco, Inc. (non-U.S. corporation)  
PI US 2002076386 A1 20020620  
US 6589515 B2 20030708  
AI US 2001-982150 A1 20011017 (9)  
PRAI GB 2000-25439 20001017  
DT Utility  
FS APPLICATION  
LREP UNILEVER, PATENT DEPARTMENT, 45 RIVER ROAD, EDGEWATER, NJ, 07020  
CLMN Number of Claims: 49  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 1690

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A cosmetic composition, preferably an antiperspirant composition, in solid or soft-solid form has a continuous phase which contains a water-immiscible liquid carrier and also contains a structurant which is

partially or fully esterified maltose of the formulae: ##STR1##

which is the  $\beta$ - anomer, and optionally ##STR2##

which is the  $\alpha$ - anomer;

wherein each Z is independently hydrogen or an acyl group of the formula:

##STR3##

where R denotes a hydrocarbyl group containing from 8 to 31 carbon atoms, with the proviso that not more than half of the Z groups are hydrogen, and the ratio of  $\beta$ - anomer to  $\alpha$ - anomer is from 65:35 to 100:0.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 20 OF 65 USPATFULL on STN  
AN 2002:148248 USPATFULL  
TI **Esters**  
IN Grainger, Lynda, Wirral, UNITED KINGDOM  
Gransden, Kathryn Elizabeth, Wirral, UNITED KINGDOM  
Hopkinson, Andrew, Wirral, UNITED KINGDOM  
Kowalski, Adam Jan, Wirral, UNITED KINGDOM  
Webb, Nicholas, Wirral, UNITED KINGDOM  
White, Michael Stephen, Wirral, UNITED KINGDOM  
PA Unilever Home & Personal Care USA, Division of Conopco Inc. (non-U.S. corporation)  
PI US 2002076385 A1 20020620  
US 6680048 B2 20040120  
AI US 2001-978954 A1 20011017 (9)  
PRAI GB 2000-25438 20001017  
DT Utility  
FS APPLICATION  
LREP UNILEVER, PATENT DEPARTMENT, 45 RIVER ROAD, EDGEWATER, NJ, 07020  
CLMN Number of Claims: 31  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 1273

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB **Cellobiose esters** and particularly  $\alpha$  cellobiose octanonoate has been found able to structure water-immiscible liquids well, and in particular can produce clear structured emulsions. However, such emulsions tend to lose clarity or structural strength during storage. Deviating from  $\alpha$ - cellobiose octanonoate can result in impaired clarity and/or impaired hardness of emulsion sticks.

However, acylated cellobiose which contains acyl substituents of formula --O--CO--R in which R represents an n-octyl residue and the percentage Y of the nonanoate acyl substituent --O--CO--R at the anomeric carbon is at least 60% and the percentage A of  $\alpha$  anomer is greater than the anomer and not higher than  $A=74.5 +0.2Y$  when Y is up to 92% and not higher than  $A=161-0.74Y$  when Y is greater than 92% offers the production of sticks combining structurant stability with product clarity and hardness.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 21 OF 65 USPATFULL on STN  
AN 2002:141519 USPATFULL  
TI **Esters**  
IN Franklin, Kevin Ronald, Wirral, Merseyside, UNITED KINGDOM

Hopkinson, Andrew, Wirral, Merseyside, UNITED KINGDOM  
Webb, Nicholas, Wirral, Merseyside, UNITED KINGDOM  
White, Michael Stephen, Wirral, Merseyside, UNITED KINGDOM  
PA Unilever Home & Personal Care USA, Division of Conopco, Inc. (non-U.S. corporation)  
PI US 2002072506 A1 20020613  
AI US 2001-982077 A1 20011017 (9)  
PRAI GB 2000-25437 20001017  
DT Utility  
FS APPLICATION  
LREP UNILEVER, PATENT DEPARTMENT, 45 RIVER ROAD, EDGEWATER, NJ, 07020  
CLMN Number of Claims: 51  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 2086

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Acylated **cellobiose** compounds (CHME) which satisfy the formula; ##STR1##

wherein X represents an acyl group (R--CO--) or H, Z represents an acyl group (R'--CO--) or H and not more than a minority of X+Z residues represent H,

R represents a saturated or unsaturated, linear or branched chain hydrocarbon residue of 5 to 31 carbon atoms and

R' represents a residue, different from R, which is:

(i) a saturated or unsaturated, linear or branched chain hydrocarbon residue of 1 to 31 carbon atoms, or (ii) an aromatic hydrocarbon residue, or (iii) a cycloaliphatic hydrocarbon, each optionally substituted.

CHME **esters** are particularly suited to thickening or structuring a water-immiscible liquid, for example, a phase in a cosmetic formulation, such as antiperspirant or deodorant formulations, eg water in oil emulsions and especially translucent ones.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 22 OF 65 USPATFULL on STN  
AN 2002:129532 USPATFULL  
TI Neoglycoproteins  
IN Duthaler, Rudolf, Bettingen, SWITZERLAND  
Katopodis, Andreas, Oberwil, SWITZERLAND  
Kinzy, Willy, Lorrach, GERMANY, FEDERAL REPUBLIC OF  
Ohrlein, Reinhold, Rheinfelden, GERMANY, FEDERAL REPUBLIC OF  
Thoma, Gebhard, Lorrach, GERMANY, FEDERAL REPUBLIC OF  
PA Novartis AG, Basel, SWITZERLAND (non-U.S. corporation)  
PI US 6399071 B1 20020604  
WO 9847915 19981029  
AI US 1999-403111 19991014 (9)  
WO 1998-EP2227 19980416  
19991014 PCT 371 date  
PRAI EP 1997-810243 19970418  
EP 1997-810244 19970418  
GB 1998-2450 19980205  
DT Utility  
FS GRANTED  
EXNAM Primary Examiner: Russel, Jeffrey E.  
LREP Lopez, Gabriel, Furman, Diane E.  
CLMN Number of Claims: 12  
ECL Exemplary Claim: 1  
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)



LN.CNT 1991

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Polyamide conjugates comprising either (a) a xenoantigenic group; or (b) a biologically active group and a macromolecular, macro- or microscopic entity, bound to a polyamide backbone, processes for their preparation and the use of these conjugates in therapeutic compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 23 OF 65 USPATFULL on STN

AN 2002:112334 USPATFULL

TI Derivatized carbohydrates, compositions comprised thereof and methods of use thereof

IN Blair, Julian A., St. Ives, UNITED KINGDOM

PI US 2002058067 A1 20020516

AI US 2001-4481 A1 20011101 (10)

RLI Continuation of Ser. No. US 1998-218845, filed on 22 Dec 1998, PENDING

PRAI US 1997-68754P 19971223 (60)

DT Utility

FS APPLICATION

LREP Madeline I. Johnston, Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA, 94304

CLMN Number of Claims: 20

ECL Exemplary Claim: 1

DRWN 3 Drawing Page(s)

LN.CNT 1065

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Derivatized carbohydrates are provided which can be used to form a variety of materials including solid delivery systems. The derivatized carbohydrates are generally carbohydrates, wherein at least a portion of the hydroxyl groups on the carbohydrate are substituted with a branched hydrophobic chain, such as a hydrocarbon chain, via, for example, an ether or ester linkage. The solid delivery systems can be used for delivery and release of a variety of substances, and are, for example, in the form of tablets for oral administration, or in the form of powders, microspheres or implants for intravenous, intradermal, transdermal, pulmonary or other route of administration. The derivatized carbohydrates can be processed to form a solid matrix having a substance, such as a therapeutic agent, incorporated therein. In one embodiment, the solid matrix is provided in a solid dose form which is capable of releasing a therapeutic substance in situ at various controlled rates.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 24 OF 65 USPATFULL on STN

AN 2002:98862 USPATFULL

TI Antiperspirant compositions

IN Clare, Sarah Jayne, Merseyside, UNITED KINGDOM

Franklin, Kevin Ronald, Merseyside, UNITED KINGDOM

Murphy, Angela Mary, Merseyside, UNITED KINGDOM

Gransden (nee Rowe), Kathryn Elizabeth, Merseyside, UNITED KINGDOM

Turner, Graham Andrew, Merseyside, UNITED KINGDOM

PA Unilever Home & Personal Care USA, Division of Conopco, Inc. (non-U.S. corporation)

PI US 2002051757 A1 20020502

US 6391291 B2 20020521

AI US 2001-902276 A1 20010710 (9)

PRAI GB 2000-16937 20000710

DT Utility

FS APPLICATION

LREP UNILEVER, PATENT DEPARTMENT, 45 RIVER ROAD, EDGEWATER, NJ, 07020

CLMN Number of Claims: 23

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 1561

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A firm solid antiperspirant composition having a continuous phase comprising water-immiscible liquid containing

i) one or more gelating structurant materials which form a network of fibres within the liquid, and

ii) a polymeric thickener which has an organic polymer backbone containing at least five monomer repeat units, which polymer has the ability to increase the viscosity of the water-immiscible liquid in the absence of the gelating structurant materials; and

iii) an antiperspirant active dispersed in the continuous phase, said composition being free from or containing less than 3% by weight of a fatty alcohol that is solid at 20° C.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 25 OF 65 USPATFULL on STN

AN 2002:63525 USPATFULL

TI Antiperspirant formulations

IN Franklin, Kevin Ronald, Wirral, UNITED KINGDOM

Turner, Graham Andrew, Wirral, UNITED KINGDOM

PA Unilever Home & Personal Care, USA division of Conopco, Inc., Greenwich, CT, United States (U.S. corporation)

PI US 6361766 B1 20020326

US 2002039563 A1 20020404

AI US 2001-920778 20010802 (9)

DT Utility

FS GRANTED

EXNAM Primary Examiner: Dodson, Shelley A.

LREP Stein, Kevin J.

CLMN Number of Claims: 35

ECL Exemplary Claim: 1

DRWN 0 Drawing Figure(s); 0 Drawing Page(s)

LN.CNT 1529

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Anhydrous antiperspirant formulations in which a particulate antiperspirant active is suspended in a carrier fluid can result in significant visible deposits when applied to skin or when transferred onto clothing.

Anhydrous antiperspirant suspension sticks which exhibit very low visible deposits are obtainable by employing a carrier fluid in which at least 45% and preferably at least 60% of its weight comprises an oxygen-containing emollient oil having a refractive index of at least 1.465, in conjunction with structurant comprises a wax or a non-polymeric fiber-forming gellant, excluding certain gellants or gellant combinations. Preferred emollient oils include alkyl benzoates and alkylphenylsiloxanes. The waxes can even comprise fatty alcohols.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 26 OF 65 USPATFULL on STN

AN 2002:60647 USPATFULL

TI Antiperspirant formulations

IN Bianchi, James Michael, Chicago, IL, UNITED STATES

Franklin, Kevin Ronald, Wirral, UNITED KINGDOM

Glickman, Bruce Howard, Chicago, IL, UNITED STATES

Turner, Graham Andrew, Wirral, UNITED KINGDOM

PA Unilever Home & Personal Care USA, Division of Conopco, Inc. (U.S. corporation)

PI US 2002034481 A1 20020321  
AI US 2001-920776 A1 20010802 (9)  
PRAI GB 2000-19230 20000804  
DT Utility  
FS APPLICATION  
LREP UNILEVER, PATENT DEPARTMENT, 45 RIVER ROAD, EDGEWATER, NJ, 07020  
CLMN Number of Claims: 19  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 1367

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Anhydrous antiperspirant formulations in which a particulate antiperspirant active is suspended in a carrier fluid can result in significant visible deposits when applied to skin or when transferred onto clothing.

Anhydrous antiperspirant suspension sticks which exhibit very low visible deposits are obtainable by employing a carrier fluid in which at least 45% and preferably at least 60% of its weight comprises a mixture of a hydrocarbon oil with an oxygen-containing emollient oil, the mixture having a refractive index of at least 1.46, in conjunction with structurant comprises a wax or a non-polymeric fiber-forming gellant. Preferred oxygen-containing emollient oils include alkyl benzoates. The waxes can even comprise fatty alcohols.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 27 OF 65 USPATFULL on STN  
AN 2002:45371 USPATFULL  
TI Derivatized carbohydrates, compositions comprised thereof and methods of use thereof  
IN Blair, Julian A., St. Ives, UNITED KINGDOM  
PA Quadrant Holdings Cambridge Limited, Nottingham, UNITED KINGDOM (non-U.S. corporation)  
PI US 6352722 B1 20020305  
AI US 1998-218845 19981222 (9)  
PRAI US 1997-68754P 19971223 (60)  
DT Utility  
FS GRANTED  
EXNAM Primary Examiner: Hartley, Michael G.  
LREP Morrison & Foerster LLP  
CLMN Number of Claims: 6  
ECL Exemplary Claim: 1  
DRWN 3 Drawing Figure(s); 3 Drawing Page(s)  
LN.CNT 946

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Derivatized carbohydrates are provided which can be used to form a variety of materials including solid delivery systems. The derivatized carbohydrates are generally carbohydrates, wherein at least a portion of the hydroxyl groups on the carbohydrate are substituted with a branched hydrophobic chain, such as a hydrocarbon chain, via, for example, an ether or **ester** linkage. The solid delivery systems can be used for delivery and release of a variety of substances, and are, for example, in the form of tablets for oral administration, or in the form of powders, microspheres or implants for intravenous, intradermal, transdermal, pulmonary or other route of administration. The derivatized carbohydrates can be processed to form a solid matrix having a substance, such as a therapeutic agent, incorporated therein. In one embodiment, the solid matrix is provided in a solid dose form which is capable of releasing a therapeutic substance in situ at various controlled rates.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 28 OF 65 USPATFULL on STN  
AN 2001:237462 USPATFULL  
TI Cosmetic compositions  
IN Franklin, Kevin Ronald, Bebington, Great Britain  
Hopkinson, Andrew, Bebington, Great Britain  
PI US 2001055574 A1 20011227  
US 6426060 B2 20020730  
AI US 2000-548309 A1 20000412 (9)  
PRAI GB 1999-8212 19990412  
DT Utility  
FS APPLICATION  
LREP UNILEVER, PATENT DEPARTMENT, 45 RIVER ROAD, EDGEWATER, NJ, 07020  
CLMN Number of Claims: 25  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 1777

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A cosmetic composition is a structured emulsion of a continuous phase containing water-immiscible liquid carrier plus a structurant, and a disperse phase which is a solution of antiperspirant active in a more polar, probably aqueous, solvent. The structurant is a material which forms a network of fibers in the continuous phase, thereby gelling it. The structurant has an enthalpy of gelation in the carrier liquid or a test liquid with a magnitude of at least 30 kJ/mole. This minimum enthalpy of gelation facilitates processing at conveniently accessible temperatures and promotes stability.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 29 OF 65 USPATFULL on STN  
AN 2001:202790 USPATFULL  
TI Parallel combinatorial approach to the discovery and optimization of catalysts and uses thereof  
IN Jacobsen, Eric N., Boston, MA, United States  
Sigman, Matthew S., Somerville, MA, United States  
PA President and Fellows of Harvard College, Cambridge, MA, United States (U.S. corporation)  
PI US 6316616 B1 20011113  
AI US 1998-64462 19980422 (9)  
PRAI US 1998-80461P 19980402 (60)  
DT Utility  
FS GRANTED  
EXNAM Primary Examiner: McKane, Joseph K.; Assistant Examiner: Wright, Sonya N.  
LREP Gordon, Dana M.Foley Hoag & Eliot LLP  
CLMN Number of Claims: 13  
ECL Exemplary Claim: 1  
DRWN 5 Drawing Figure(s); 5 Drawing Page(s)  
LN.CNT 2652

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides methods and compositions, i.e. synthetic libraries of candidate compounds, useful in the discovery and optimization of compounds which catalyze at least one chemical transformation. In certain instances, the subject compounds catalyze a chemoselective, regioselective, stereoselective or enantioselective transformation.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 30 OF 65 USPATFULL on STN  
AN 2001:188221 USPATFULL  
TI Cosmetic compositions  
IN Franklin, Kevin Ronald, Bebington, Great Britain  
Kowalski, Adam Jan, Bebington, Great Britain

Parrott, David Terence, Chicago, IL, United States  
Rowe, Kathryn Elizabeth, Bebington, Great Britain  
White, Michael Stephen, Bebington, Great Britain  
PA Unilever Home & Personal Care USA, Division of Conopco, Inc. (non-U.S. corporation)  
PI US 2001033851 A1 20011025  
US 6458344 B2 20021001  
AI US 2001-826494 A1 20010404 (9)  
RLI Division of Ser. No. US 2000-548310, filed on 12 Apr 2000, GRANTED, Pat. No. US 6248312  
PRAI GB 1999-8202 19990412  
DT Utility  
FS APPLICATION  
LREP UNILEVER, PATENT DEPARTMENT, 45 RIVER ROAD, EDGEWATER, NJ, 07020  
CLMN Number of Claims: 33  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 1939

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A cosmetic composition preferably an antiperspirant composition, in solid or soft-solid form has a continuous phase which contains a water-immiscible liquid carrier and also contains a structurant which is partially or fully esterified **cellobiose** of the formula  
##STR1##

wherein each Z is independently hydrogen or an acyl group of the formula  
##STR2##

where R denotes a hydrocarbyl group containing from 4 to 22 carbon atoms. Not more than half of the Z groups are hydrogen.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 31 OF 65 USPATFULL on STN  
AN 2001:152462 USPATFULL  
TI Antiperspirant compositions  
IN Franklin, Kevin Ronald, Bebington, United Kingdom  
Kowalski, Adam Jan, Bebington, United Kingdom  
Esser, Isabelle Claire, Bebington, United Kingdom  
Rowe, Kathryn Elizabeth, Bebington, United Kingdom  
PA Unilever Home & Personal Care USA, division of Conopco, Inc., Chicago, IL, United States (U.S. corporation)  
PI US 6287544 B1 20010911  
AI US 2000-547604 20000412 (9)  
PRAI GB 1999-8218 19990412  
DT Utility  
FS GRANTED  
EXNAM Primary Examiner: Dodson, Shelley A.  
LREP Boxer, Matthew  
CLMN Number of Claims: 25  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 1358

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A cosmetic composition preferably an antiperspirant composition, in solid or soft-solid form has a continuous phase which contains a water-immiscible liquid carrier and also contains a structurant which is partially or fully esterified **cellobiose** of the formula  
##STR1##

wherein each Z is independently hydrogen or an acyl group of the formula  
##STR2##

where R denotes a hydrocarbyl group containing from 4 to 22 carbon

atoms. Not more than half of the Z groups are hydrogen.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 32 OF 65 USPATFULL on STN  
AN 2001:144910 USPATFULL  
TI Antiperspirant compositions  
IN Chuah, Beng Sim, Merseyside, Great Britain  
Clare, Sarah Jane, Merseyside, Great Britain  
Franklin, Kevin Ronald, Merseyside, Great Britain  
Hough, Gordon Charles, Merseyside, Great Britain  
Turner, Graham Andrew, Merseyside, Great Britain  
PI US 2001018045 A1 20010830  
US 6387358 B2 20020514  
AI US 2001-759123 A1 20010112 (9)  
PRAI GB 2000-875 20000114  
GB 2000-16942 20000710  
DT Utility  
FS APPLICATION  
LREP UNILEVER, PATENT DEPARTMENT, 45 RIVER ROAD, EDGEWATER, NJ, 07020  
CLMN Number of Claims: 20  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 1480

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Soft solid antiperspirant formulations in which a particulate antiperspirant active material is suspended in a continuous phase containing a water-immiscible liquid which is structured by specified proportions of an organic polymeric thickener and a second structurant selected from fibre-forming structurants and waxes (often other than fatty alcohols) or a mixture of both.

Such soft solid formulations avoid or minimise problems inherent in production of many published formulations such as sensitivity to small changes in concentration of the structurant.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 33 OF 65 USPATFULL on STN  
AN 2001:131428 USPATFULL  
TI Combinatorial library of moenomycin analogs and methods of producing same  
IN Allanson, Nigel Mark, Princeton, NJ, United States  
Chan, Tin Yau, Edison, NJ, United States  
Hatzenbuehler, Nicole T., Bridgewater, NJ, United States  
Jain, Rakesh K., Lawrenceville, NJ, United States  
Kakarla, Ramesh, East Brunswick, NJ, United States  
Liang, Rui, Plainsboro, NJ, United States  
Liu, Dashan, East Brunswick, NJ, United States  
Silva, Domingos J., Plainsboro, NJ, United States  
Sofia, Michael J., Lawrenceville, NJ, United States  
PA Advanced Medicine, Inc., South San Francisco, CA, United States (U.S. corporation)  
PI US 6274716 B1 20010814  
AI US 1999-394044 19990913 (9)  
RLI Division of Ser. No. US 1997-975229, filed on 21 Nov 1997, now patented, Pat. No. US 6114309  
PRAI US 1997-47946P 19970529 (60)  
DT Utility  
FS GRANTED  
EXNAM Primary Examiner: Peselev, Elli  
LREP Pepper Hamilton LLP, Villacorta, Gilberto M.  
CLMN Number of Claims: 2  
ECL Exemplary Claim: 1

DRWN 21 Drawing Figure(s); 20 Drawing Page(s)

LN.CNT 3423

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A combinatorial chemical library of compounds structurally related to the moenomycin class of antibiotics has the formula ##STR1##

wherein D is a donor mono- or disaccharide, A is an acceptor monosaccharide, and P-R is a lipophosphoglycerate mimetic group. Members of the library have a glycosidic linkage between the anomeric carbon of D and the C2 carbon of A, and the D-A moiety is in turn covalently linked through the anomeric carbon of A to the P-R group. Members of the library exhibit their greatest structural diversity in terms of substitutions occurring at the C3 position of the A residue, substitutions at the C2 position of the D residue, and different P-R groups used in assembling the compounds. Members of the library are preferably synthesized by solid phase techniques involving stepwise coupling of the respective units to a support, functionalizing the A and/or D saccharides either before or after immobilizing them on the support, and cleaving the assembled compounds from the support. Preferred functionalities attached to the sugar residues are amides, carbamates, ureas, sulfonamides, substituted amines, **esters**, carbonates, and sulfates. Exemplary P-R groups are derivatives of homoserine, glyceric acid, salicylates and mandelic acid. Members of the library can be screened for anti-microbial activity by contacting them with a culture of microbes and monitoring the growth rate of the microbes.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 34 OF 65 USPATFULL on STN

AN 2001:93081 USPATFULL

TI Cosmetic compositions

IN Franklin, Kevin Ronald, Bebington, United Kingdom  
Kowalski, Adam Jan, Bebington, United Kingdom  
Parrott, David Terence, Chicago, IL, United States  
Rowe, Kathryn Elizabeth, Bebington, United Kingdom  
White, Michael Stephen, Bebington, United Kingdom

PA Unilever Home & Personal Care USA, division of Conopco, Inc., Chicago, IL, United States (U.S. corporation)

PI US 6248312 B1 20010619

AI US 2000-548310 20000412 (9)

PRAI GB 1999-8202 19990412

DT Utility

FS GRANTED

EXNAM Primary Examiner: Dodson, Shelley A.

LREP Boxer, Matthew

CLMN Number of Claims: 34

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 1857

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A cosmetic composition preferably an antiperspirant composition, in solid or soft-solid form has a continuous phase which contains a water-immiscible liquid carrier and also contains a structurant which is partially or fully esterified **cellobiose** of the formula ##STR1##

wherein each Z is independently hydrogen or an acyl group of the formula ##STR2##

where R denotes a hydrocarbyl group containing from 4 to 22 carbon atoms. Not more than half of the Z groups are hydrogen.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 35 OF 65 USPATFULL on STN  
AN 2001:82302 USPATFULL  
TI Antiperspirant compositions  
IN Esser, Isabelle Claire, Bebington, United Kingdom  
Franklin, Kevin Ronald, Bebington, United Kingdom  
Grainger, Lynda, Bebington, United Kingdom  
Kowalski, Adam Jan, Bebington, United Kingdom  
Rowe, Kathryn Elizabeth, Bebington, United Kingdom  
PA Unilever Home & Personal Care USA, division of Conopco, Inc., Chicago,  
IL, United States (U.S. corporation)  
PI US 6241976 B1 20010605  
AI US 2000-547445 20000412 (9)  
PRAI GB 1999-8223 19990412  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Dodson, Shelley A.  
LREP Boxer, Matthew  
CLMN Number of Claims: 24  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 1728  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
AB An antiperspirant composition is a structured emulsion of a continuous  
phase containing water-immiscible liquid carrier plus a structurant, and  
a disperse phase which is a solution of antiperspirant active in water  
or a mixture of water and water-soluble solvent. The structurant is a  
fully or partially esterified saccharide. The compositions give low  
visible residue when applied to skin or to clothing.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 36 OF 65 USPATFULL on STN  
AN 2001:44377 USPATFULL  
TI Combinatorial library of moenomycin analogs and methods of producing  
same  
IN Allanson, Nigel Mark, Princeton, NJ, United States  
Chan, Tin Yau, Edison, NJ, United States  
Hatzenbuehler, Nicole T., Bridgewater, NJ, United States  
Jain, Rakesh K., Lawrenceville, NJ, United States  
Kakarla, Ramesh, East Brunswick, NJ, United States  
Liang, Rui, Plainsboro, NJ, United States  
Liu, Dashan, East Brunswick, NJ, United States  
Silva, Domingos J., Plainsboro, NJ, United States  
Sofia, Michael J., Lawrenceville, NJ, United States  
PA Incara Research Laboratories, Cranbury, NJ, United States (U.S.  
corporation)  
PI US 6207820 B1 20010327  
AI US 1999-394045 19990913 (9)  
RLI Division of Ser. No. US 1997-975229, filed on 21 Nov 1997  
PRAI US 1997-47946P 19970529 (60)  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Pesellev, Elli  
LREP Villacorta, Gilberto M., Pouliquen, Corinne M., Hamilton LLP, Pepper  
CLMN Number of Claims: 6  
ECL Exemplary Claim: 1  
DRWN 21 Drawing Figure(s); 20 Drawing Page(s)  
LN.CNT 3445  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
AB A combinatorial chemical library of compounds structurally related to  
the moenomycin class of antibiotics has the formula ##STR1##

wherein D is a donor mono- or disaccharide, A is an acceptor



monosaccharide, and P--R is a lipophosphoglycerate mimetic group. Members of the library have a glycosidic linkage between the anomeric carbon of D and the C2 carbon of A, and the D--A moiety is in turn covalently linked through the anomeric carbon of A to the P--R group. Members of the library exhibit their greatest structural diversity in terms of substitutions occurring at the C3 position of the A residue, substitutions at the C2 position of the D residue, and different P--R groups used in assembling the compounds. Members of the library are preferably synthesized by solid phase techniques involving stepwise coupling of the respective units to a support, functionalizing the A and/or D saccharides either before or after immobilizing them on the support, and cleaving the assembled compounds from the support. Preferred functionalities attached to the sugar residues are amides, carbamates, ureas, sulfonamides, substituted amines, **esters**, carbonates, and sulfates. Exemplary P--R groups are derivatives of homoserine, glyceric acid, salicylates and mandelic acid. Members of the library can be screened for anti-microbial activity by contacting them with a culture of microbes and monitoring the growth rate of the microbes.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 37 OF 65 USPATFULL on STN  
 AN 2001:4879 USPATFULL  
 TI Synthetic process toward total synthesis of eleutherobin and its analogues and uses thereof  
 IN Danishefsky, Samuel J., Englewood, NJ, United States  
 Chen, Xiao-Tao, New York, NY, United States  
 Gutteridge, Clare E., New York, NY, United States  
 Bhattacharya, Samit K., New York, NY, United States  
 Zhou, Bishan, New York, NY, United States  
 PA The Trustees of Columbia in the City of New York, New York, NY, United States (U.S. corporation)  
 PI US 6172205 B1 20010109  
 AI US 1998-210290 19981211 (9)  
 PRAI US 1997-69248P 19971211 (60)  
 DT Patent  
 FS Granted  
 EXNAM Primary Examiner: Lee, Howard C.  
 LREP White, John P.Cooper & Dunham LLP  
 CLMN Number of Claims: 10  
 ECL Exemplary Claim: 1  
 DRWN 20 Drawing Figure(s); 12 Drawing Page(s)  
 LN.CNT 1213

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention provides a process for the preparation of a Eleutherobin derivative of the formula: ##STR1##

wherein R.sub.1 is a hydrogen, **ester**, nitrile or C.sub.2  
 H.sub.4 --R wherein R.sub.4 is a carbohydrate, an alcohol an amine, an amide, an alkyne, or, R.sub.2 is a linear or branched alkyl moiety, R.sub.3 is an **ester**, an amide, a carbamate, an acetal compound, an ether or a urethane, R.sub.4 is a hydrogen or CH.sub.2, position C.sub.2 and C.sub.3 is cis or trans, position C.sub.8 is  $\alpha$  or  $\beta$  and a compound is produced having the structures:  
 ##STR2##

Additionally, this experiment provides a method for inhibiting growth of cancerous cells comprising contracting an amount of Eleutherobin derivative effective to inhibit the growth of said cells. Further provided is a method for treating cancer in a subject which comprises administering to the subject a therapeutically effective amount of the Eleutherobin derivative.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 38 OF 65 USPATFULL on STN  
AN 2000:117690 USPATFULL  
TI Combinatorial library of moenomycin analogs and methods of producing same  
IN Allanson, Nigel Mark, Princeton, NJ, United States  
Chan, Tin Yau, Edison, NJ, United States  
Hatzenbuehler, Nicole T., Bridgewater, NJ, United States  
Jain, Rakesh K., Lawrenceville, NJ, United States  
Kakarla, Ramesh, East Brunswick, NJ, United States  
Liang, Rui, Plainsboro, NJ, United States  
Liu, Dashan, East Brunswick, NJ, United States  
Silva, Domingos J., Plainsboro, NJ, United States  
Sofia, Michael J., Lawrenceville, NJ, United States  
PA Incara Research Laboratories, Cranbury, NJ, United States (U.S. corporation)  
PI US 6114309 20000905  
AI US 1997-975229 19971121 (8)  
PRAI US 1997-47946P 19970529 (60)  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Pesellev, Elli  
LREP Villocorta, Gilberto M. Pepper Hamilton LLP  
CLMN Number of Claims: 13  
ECL Exemplary Claim: 1  
DRWN 21 Drawing Figure(s); 20 Drawing Page(s)  
LN.CNT 3511

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A combinatorial chemical library of compounds structurally related to the moenomycin class of antibiotics has the formula ##STR1## wherein D is a donor mono- or disaccharide, A is an acceptor monosaccharide, and P-R is a lipophosphoglycerate mimetic group. Members of the library have a glycosidic linkage between the anomeric carbon of D and the C2 carbon of A, and the D-A moiety is in turn covalently linked through the anomeric carbon of A to the P-R group. Members of the library exhibit their greatest structural diversity in terms of substitutions occurring at the C3 position of the A residue, substitutions at the C2 position of the D residue, and different P-R groups used in assembling the compounds. Members of the library are preferably synthesized by solid phase techniques involving stepwise coupling of the respective units to a support, functionalizing the A and/or D saccharides either before or after immobilizing them on the support, and cleaving the assembled compounds from the support. Preferred functionalities attached to the sugar residues are amides, carbamates, ureas, sulfonamides, substituted amines, **esters**, carbonates, and sulfates. Exemplary P-R groups are derivatives of homoserine, glyceric acid, salicylates and mandelic acid. Members of the library can be screened for anti-microbial activity by contacting them with a culture of microbes and monitoring the growth rate of the microbes.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 39 OF 65 USPATFULL on STN  
AN 2000:74275 USPATFULL  
TI Small molecular weight ligand-hexose containing clearing agents  
IN Theodore, Louis J., Lynnwood, WA, United States  
Axworthy, Donald B., Brier, WA, United States  
Reno, John M., Brier, WA, United States  
PA NeoRx Corporation, Seattle, WA, United States (U.S. corporation)  
PI US 6075010 20000613  
AI US 1994-350551 19941207 (8)  
RLI Continuation-in-part of Ser. No. US 1993-163184, filed on 7 Dec 1993, now abandoned which is a continuation-in-part of Ser. No. WO

1993-US5406, filed on 7 Jun 1993 which is a continuation-in-part of Ser. No. US 1992-995381, filed on 23 Dec 1992, now abandoned which is a continuation-in-part of Ser. No. US 1992-895588, filed on 9 Jun 1992, now abandoned

DT Utility  
FS Granted  
EXNAM Primary Examiner: Duffy, Patricia A.  
LREP SEED Intellectual Property Law Group LLC  
CLMN Number of Claims: 20  
ECL Exemplary Claim: 1  
DRWN 31 Drawing Figure(s); 20 Drawing Page(s)  
LN.CNT 5359

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Small molecule weight clearing agents containing ligands such as biotin or biotin analogs and hexose residue, in particular galactose or N-acetyl galactosamine residues are taught. These clearing agents effectively clear anti-ligand containing conjugates in vivo via hepatocyte receptor mediated clearance mechanisms.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 40 OF 65 USPATFULL on STN  
AN 1999:160211 USPATFULL  
TI Azidohalogenobenzyl derivatives, sugar compounds and protection of hydroxy groups  
IN Kusumoto, Shoichi, Minoh, Japan  
Fukase, Koichi, Kadoma, Japan  
PA Wako Pure Chemical Industries, Ltd., Osaka, Japan (non-U.S. corporation)  
PI US 5998595 19991207  
AI US 1997-961174 19971030 (8)  
PRAI JP 1996-292955 19961105  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Lee, Howard C.  
LREP Leydig, Voit & Mayer, Ltd.  
CLMN Number of Claims: 10  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 775

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Azidohalogenobenzyl derivatives of the formula (I) ##STR1## wherein A is a halogen atom, B is a halogen atom or a hydrogen atom, and X is a group reactive with a hydroxy group, methods of protecting hydroxy group(s) using said derivatives, and sugar compounds wherein a hydrogen atom of at least one hydroxy group is substituted by an azidohalogenobenzyl group. According to the present invention, there are provided novel derivatives capable of introducing a group into a compound having hydroxy group(s), which group is useful as a stable hydroxy-protecting group even in solid phase synthesis for the purpose of the extension of sugar chain under continuous acidic conditions and of being removed under mild conditions; sugar compounds protected by using said derivatives; and methods of protecting hydroxy group(s) using said derivatives.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 41 OF 65 USPATFULL on STN  
AN 1999:142150 USPATFULL  
TI Cyclic **ester** ring-opened oligomers and methods of preparation  
IN Gross, Richard A., Chelmsford, MA, United States  
Bisht, Kirpal, Lowell, MA, United States  
Kaplan, David, Stowe, MA, United States  
Swift, Graham, Blue Bell, PA, United States  
Deng, Fang, Lowell, MA, United States

PA University of Massachusetts, Boston, MA, United States (U.S. corporation)  
PI US 5981743 19991109  
AI US 1997-828432 19970328 (8)  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Wilson, James O.  
LREP Fish & Richardson P.C.  
CLMN Number of Claims: 27  
ECL Exemplary Claim: 1,20  
DRWN 11 Drawing Figure(s); 8 Drawing Page(s)  
LN.CNT 768  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
AB An oligomer composed of a carbohydrate head group and an oligomer chain is disclosed. Methods for increasing the oligomerization rates of lactones and cyclic carbonates are also disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 42 OF 65 USPATFULL on STN  
AN 1999:132878 USPATFULL  
TI 4-cyano-4-deformylsordarin derivatives  
IN Nielsen-Kahn, Jennifer, East Brunswick, NJ, United States  
Tse, Bruce, Edison, NJ, United States  
PA Merck & Co., Inc., Rahway, NJ, United States (U.S. corporation)  
PI US 5972996 19991026  
AI US 1998-123230 19980728 (9)  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Trinh, Ba K.  
LREP Yang, Mollie M., Rose, David L.  
CLMN Number of Claims: 13  
ECL Exemplary Claim: 1,13  
DRWN No Drawings  
LN.CNT 1831

CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
AB 4-Cyano-4-deformylsordarin derivatives are antifungal agents useful in the treatment and/or prevention of human and animal fungal infections, as well as in the control of phytopathogenic fungi in crops.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 43 OF 65 USPATFULL on STN  
AN 97:109867 USPATFULL  
TI O.sup.6 -substituted guanine compositions and methods for depleting O.sup.6  
IN Moschel, Robert C., Frederick, MD, United States  
Dolan, M. Eileen, Oak Park, IL, United States  
Pegg, Anthony E., Hershey, PA, United States  
McDougall, Mark G., Cleveland, OH, United States  
Chae, Mi-Young, Frederick, MD, United States  
PA The United States of America as represented by the Department of Health and Human Services, Washington, DC, United States (U.S. government)  
The Penn State Research Foundation, University Park, PA, United States (U.S. corporation)  
Arch Development Corporation, Chicago, IL, United States (U.S. corporation)  
PI US 5691307 19971125  
AI US 1994-255190 19940607 (8)  
RLI Continuation-in-part of Ser. No. US 1992-875438, filed on 29 Apr 1992, now abandoned Ser. No. Ser. No. US 1990-616913, filed on 21 Nov 1990, now patented, Pat. No. US 5352669, issued on 4 Oct 1994 And Ser. No. US 1991-805634, filed on 12 Dec 1991, now patented, Pat. No. US 5358952, issued on 25 Oct 1994 which is a division of Ser. No. US 1990-492468,

filed on 13 Mar 1990, now patented, Pat. No. US 5091430  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Grumbling, Matthew V.  
LREP Leydig, Voit & Mayer, Ltd.  
CLMN Number of Claims: 76  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 2623

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Novel O.sup.6 -substituted guanine compounds and pharmaceutical compositions thereof are useful for effectively reducing O.sup.6 -alkylguanine-DNA alkyltransferase (AGT). The novel compounds are useful for treating tumors and when used with anti-neoplastic alkylating agents enhance the chemotherapeutic treatment of tumor cells in a host.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 44 OF 65 USPATFULL on STN  
AN 97:36156 USPATFULL  
TI Clearing agents useful in pretargeting methods  
IN Axworthy, Donald B., Brier, WA, United States  
Reno, John M., Brier, WA, United States  
PA NeoRx Corporation, Seattle, WA, United States (U.S. corporation)  
PI US 5624896 19970429  
AI US 1995-462765 19950605 (8)  
RLI Continuation of Ser. No. US 1993-163184, filed on 7 Dec 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-995381, filed on 23 Dec 1992, now abandoned which is a continuation-in-part of Ser. No. US 1992-895588, filed on 9 Jun 1992, now patented, Pat. No. US 5283342

DT Utility  
FS Granted  
EXNAM Primary Examiner: Eisenschenk, Frank C.  
LREP Burns, Doane, Swecker & Mathis, L.L.P.  
CLMN Number of Claims: 18  
ECL Exemplary Claim: 1  
DRWN 12 Drawing Figure(s); 12 Drawing Page(s)  
LN.CNT 3943

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Novel clearing agents are provided which comprise biotin analog containing clearance-directing moieties. Preferably such clearance-directing moieties endogenously contain or a rederivatized to expose galactose and/or mannose residues.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 45 OF 65 USPATFULL on STN  
AN 96:24925 USPATFULL  
TI Cholesterol sequestrant glycosides that inhibit intestinal cholesterol absorption  
IN Malinow, M. Rene, Portland, OR, United States  
PA Medical Research Foundation of Oregon, Beaverton, OR, United States (U.S. corporation)  
PI US 5502038 19960326  
AI US 1993-80282 19930621 (8)  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Robinson, Douglas W.; Assistant Examiner: Lee, Howard C.  
LREP Klarquist Sparkman Campbell Leigh & Whinston  
CLMN Number of Claims: 4  
ECL Exemplary Claim: 1  
DRWN No Drawings

LN.CNT 838

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Glycosides having neotigogenin aglycone moieties, administered orally to mammals are shown to inhibit the absorption of cholesterol. These compounds are useful in the treatment of hypercholesterolemia. Particular compounds are derived from tomato seeds and include neotigogenin trisaccharide.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 46 OF 65 USPATFULL on STN

AN 95:108168 USPATFULL

TI Stabilizer for phospholipid vesicles

IN Saitoh, Akihisa, Togane, Japan

Yoshimura, Kiyoshi, Chiba, Japan

Suzuki, Takanao, Chiba, Japan

Takisada, Mikimasa, Yokohama, Japan

Takeoka, Shinji, Tokyo, Japan

Sakai, Hiromi, Tokyo, Japan

Tsuchida, Eishun, Tokyo, Japan

PA Chiba Flour Milling Co., Ltd., Chiba, Japan (non-U.S. corporation)

PI US 5472951 19951205

AI US 1993-28519 19930309 (8)

PRAI JP 1992-126716 19920421

JP 1992-148922 19920518

JP 1992-191364 19920626

JP 1992-206136 19920710

DT Utility

FS Granted

EXNAM Primary Examiner: Griffin, Ronald W.

LREP McAulay Fisher Nissen Goldberg & Kiel

CLMN Number of Claims: 6

ECL Exemplary Claim: 1

DRWN 1 Drawing Figure(s); 1 Drawing Page(s)

LN.CNT 1307

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An oligosaccharide lipid is provided which has 2 to 20 saccharide units, and has a hydrophobic group linked by an ether linkage to an **anomer** carbon on a reducing end group. A stabilizer for a phospholipid vesicle is also provided which comprises an oligosaccharide derivative having 2 to 20 saccharide units, and having a hydrophobic group linked by an amide linkage or an ether linkage to an **anomer** carbon on a reducing end group constituted of an aldose.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 47 OF 65 USPATFULL on STN

AN 92:14993 USPATFULL

TI Analogs of gonadoliberin with improved solubility, methods for their preparation, agents containing them and their use

IN Konig, Wolfgang, Hofheim am Taunus, Germany, Federal Republic of

Sandow, Jurgen K., Konigstein/Taunus, Germany, Federal Republic of

Kolar, Cenek, Marburg, Germany, Federal Republic of

PA Hoechst Aktiengesellschaft, Frankfurt am Main, Germany, Federal Republic of (non-U.S. corporation)

PI US 5091367 19920225

AI US 1991-724477 19910628 (7)

RLI Continuation of Ser. No. US 1989-390477, filed on 7 Aug 1989, now abandoned which is a continuation of Ser. No. US 1987-105240, filed on 7 Oct 1987, now abandoned

PRAI DE 1986-3634435 19861009

DT Utility

FS Granted

EXNAM Primary Examiner: Lee, Lester L.

LREP Finnegan, Henderson, Farabow, Garrett, and Dunner  
CLMN Number of Claims: 11  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 2055

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to peptides of the formula ##STR1## in which X is absent or is hydrogen or acyl; A is Pgl, de-hydro-Pro, Pro, D-Thi or D-Pgl or represents optionally substituted D-Nal(2), D-Phe or D-Trp; B is His or optionally substituted D-Phe; C is Trp, D-Thi, D-Pal(3) or optionally substituted D-Trp; D is Tyr, Arg or His; E is D-Ser(R.sup.1),  $\beta$ -Asn,  $\beta$ -Asp-OMe, D-Thi or --NH--CH(CH.sub.2 R.sup.2)--CO--; F is Ser(R.sup.1), Leu, Trp or Phe; G is Gly-NH.sub.2, Aza-Gly-NH.sub.2, D-Ala-NH.sub.2 or NH-alkyl; R.sup.1 is glycosyl and R.sup.2 is hydrogen, acyl, aryl or heteroaryl.

The invention also relates to methods for the preparation of these peptides, agents containing them and their use.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 48 OF 65 USPATFULL on STN  
AN 91:32556 USPATFULL  
TI Processes for tigogenin beta-cellobioside  
IN Urban, Frank J., Waterford, CT, United States  
PA Pfizer Inc., New York, NY, United States (U.S. corporation)  
PI US 5010185 19910423  
AI US 1989-365588 19890613 (7)  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Griffin, Ronald W.; Assistant Examiner: Carson, Nancy S.  
LREP Richardson, Peter C., Lumb, J. Trevor, Blackwood, Robert K.  
CLMN Number of Claims: 14  
ECL Exemplary Claim: 1,7  
DRWN No Drawings  
LN.CNT 263

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Improved processes for the synthesis of tigogenin beta-cellobioside, a known hypocholesterolemic agent, using **cellobiose** heptaacetate and tigogenin as starting materials.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 49 OF 65 USPATFULL on STN  
AN 91:5246 USPATFULL  
TI Polyhydroxylated and highly fluorinated compounds, their preparation and their use as surfactants  
IN Charpiot, Brigitte, Nice, France  
Greiner, Jacques, Nice, France  
Le Blanc, Maurice, Nice, France  
Manfredi, Alexandre, Nice, France  
Riess, Jean, Falicon, France  
Zarif, Leila, Nice, France  
PA Alliance Pharmaceutical Corp., Otisville, NY, United States (U.S. corporation)  
PI US 4985550 19910115  
AI US 1987-78626 19870728 (7)  
PRAI FR 1986-11084 19860729  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Griffin, Ronald W.  
LREP Knobbe, Martens, Olson & Bear  
CLMN Number of Claims: 16

ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 1729

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds having a polyhydroxylated hydrophilic moiety, a highly fluorinated moiety and a functional junction group linking said moieties together, wherein said hydrophilic moiety is derived from a polyol or an aminopolyol, and wherein said highly fluorinated moiety consists of a fluorocarbon group wherein at least 50% of the atoms bonded to the carbon skeleton are fluorine atoms, the other atoms bonded to the carbon skeleton being hydrogen, chlorine or bromine atoms, said highly fluorinated moiety containing at least 4 fluorine atoms; as well as the internal ethers and ketals thereof; process for their preparation; and a compositions containing said compounds as surfactants, together with non polar compounds, for use as gas carriers.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 50 OF 65 USPATFULL on STN

AN 90:96819 USPATFULL

TI C(29)-carbonyloxymilbemycin derivatives for controlling parasitic pets of animals and plants

IN Gehret, Jean-Claude, Aesch, Switzerland

PA Ciba-Geigy Corporation, Ardsley, NY, United States (U.S. corporation)

PI US 4978677 19901218

AI US 1989-432297 19891106 (7)

RLI Continuation of Ser. No. US 1987-22198, filed on 5 Mar 1987, now abandoned

PRAI CH 1986-918 19860306

DT Utility

FS Granted

EXNAM Primary Examiner: Raymond, Richard L.; Assistant Examiner: Russell, Mark W.

LREP Roberts, Edward McC.

CLMN Number of Claims: 5

ECL Exemplary Claim: 1,3

DRWN No Drawings

LN.CNT 1867

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB the invention relates to novel C(29)-carbonyloxymilbemycin derivatives of formula I, to the preparation thereof and to the use thereof for controlling pests, as well as to pesticidal compositions which contain as active ingredient at least one of these compounds., Said novel compounds are of the general formula I ##STR1## wherein X is --CH(OR.sub.1)--, --C(O)-- or --C(.dbd.N--OH)--,

R.sub.1 is hydrogen, a silyl group, an acyl group or a sugar residue,

R.sub.2 is methyl, ethyl, isopropyl or sec-butyl and

R is hydrogen unsubstituted or substituted straight chain or branched C.sub.1 -C.sub.18 alkyl, unsubstituted or substituted C.sub.3 -C.sub.10 cycloalkyl, unsubstituted or substituted C.sub.2 -C.sub.6 alkenyl, unsubstituted or substituted C.sub.2 -C.sub.6 alkynyl or unsubstituted or substituted phenyl.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 51 OF 65 USPATFULL on STN

AN 89:86003 USPATFULL

TI Glycosidation catalyst and process for preparing glycoside derivatives

IN Kinomura, Keisuke, Kakogawa, Japan

Kitazawa, Sadaya, Himeji, Japan

Takata, Yasushi, Kobe, Japan



PA Sakakibara, Toshiyuki, Kobe, Japan  
 Nippon Fine Chemical Co., Ltd., Osaka, Japan (non-U.S. corporation)  
 PI US 4874852 19891017  
 AI US 1989-321809 19890310 (7)  
 RLI Division of Ser. No. US 1987-101458, filed on 28 Sep 1987  
 PRAI JP 1986-230485 19860929  
 JP 1986-307434 19861222  
 DT Utility  
 FS Granted  
 EXNAM Primary Examiner: Griffin, Ronald W.; Assistant Examiner: White, E.  
 LREP Armstrong, Nikaido, Marmelstein, Kubovcik & Murray  
 CLMN Number of Claims: 8  
 ECL Exemplary Claim: 1  
 DRWN No Drawings  
 LN.CNT 825

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed are a glycosidation catalyst comprising at least one of  
 heteropoly acids represented by the formula

$H_{\text{sub}a} X_{\text{sub}p} M_{\text{sub}q} O_{\text{sub}r} \cdot bH_{\text{sub}2} O$

wherein X is P, As, Si or Ge, M is at least one species selected from  
 the group consisting of Mo, W and V, a is 3, 4 or 6, b is an integer of 0  
 to 30, p is 1 or 2, q is 12 or 18, and r is 40 or 62, with the proviso  
 that when X is P or As, a is 3 or 6; when X is Si or Ge, a is 4; and  
 further (1) when X is P or As and a is 3, or when X is Si or Ge and a is  
 4, M is at least one species selected from the group consisting of Mo, W  
 and V, p is 1, q is 12 and r is 40; and (2) when X is P or As and a is  
 6, M is Mo or W, p is 2, q is 18 and r is 62, and a process for  
 preparing a glycoside derivative by using said catalyst.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 52 OF 65 USPATFULL on STN  
 AN 89:72008 USPATFULL  
 TI Peptides with vasorelaxant, natriuretic and diuretic effects a process  
 for their preparation, agents containing them, and their use  
 IN Breipohl, Gerhard, Frankfurt am Main, Germany, Federal Republic of  
 Knolle, Jochen, Krieffel, Germany, Federal Republic of  
 Konig, Wolfgang, Hofheim am Taunus, Germany, Federal Republic of  
 Scholkens, Bernhard, Kelkheim, Germany, Federal Republic of  
 PA Hoechst Aktiengesellschaft, Frankfurt am Main, Germany, Federal Republic  
 of (non-U.S. corporation)  
 PI US 4861755 19890829  
 AI US 1987-3237 19870114 (7)  
 PRAI DE 1986-3601049 19860116  
 DE 1986-3614833 19860502  
 DT Utility  
 FS Granted  
 EXNAM Primary Examiner: Phillips, Delbert R.; Assistant Examiner: Chan,  
 Christina  
 LREP Finnegan, Henderson, Farabow, Garret, & Dunner  
 CLMN Number of Claims: 13  
 ECL Exemplary Claim: 1  
 DRWN No Drawings  
 LN.CNT 1290

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to new peptides of the formula ##STR1## in which  
 X, A, B, C, N', E, F, G and Z have the meanings indicated in the  
 description, to a process for their preparation, to agents containing  
 them, and to their use.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 53 OF 65 USPATFULL on STN  
 AN 89:67455 USPATFULL  
 TI 13 $\beta$ -alkylmilbemycin derivatives for controlling parasites of animals and plants  
 IN Frei, Bruno, Liestal, Switzerland  
 O'Sullivan, Anthony C., Basel, Switzerland  
 Gehret, Jean-Claude, Aesch, Switzerland  
 PA CIBA-GEIGY Corporation, Ardsley, NY, United States (U.S. corporation)  
 PI US 4857509 19890815  
 AI US 1986-820490 19860117 (6)  
 PRAI CH 1985-278 19850122  
 DT Utility  
 FS Granted  
 EXNAM Primary Examiner: Brown, Johnnie R.; Assistant Examiner: Peselev, Elli  
 LREP Roberts, Edward McC., Findlay, Meredith C.  
 CLMN Number of Claims: 18  
 ECL Exemplary Claim: 1,14  
 DRWN No Drawings  
 LN.CNT 1315  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 AB The invention relates to parasitically and insecticidally highly active compounds of formula I ##STR1## wherein R is C.sub.1 -C.sub.10 alkyl;  
  
 R.sub.1 is hydrogen, a silyl group or a sugar residue; and  
  
 R.sub.2 is methyl, ethyl, isopropyl or sec-butyl, and to the preparation thereof starting from suitably substituted 15-**ester** or 13 $\beta$ - **ester** milbemycins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 54 OF 65 USPATFULL on STN  
 AN 86:41121 USPATFULL  
 TI Synthetic compounds to inhibit intestinal absorption of cholesterol in the treatment of hypercholesterolemia  
 IN Malinow, M. Rene, Portland, OR, United States  
 PA Medical Research Foundation of Oregon, Portland, OR, United States (U.S. corporation)  
 PI US 4602003 19860722  
 AI US 1982-379098 19820517 (6)  
 DT Utility  
 FS Granted  
 EXNAM Primary Examiner: Roberts, Elbert L.  
 LREP Klarquist, Sparkman, Campbell, Leigh & Whinston  
 CLMN Number of Claims: 15  
 ECL Exemplary Claim: 1  
 DRWN No Drawings  
 LN.CNT 504  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 AB Synthetic sapogenin and sterol compounds, administered orally to warm-blooded animals, inhibit the absorption of cholesterol and are useful in the treatment of hypercholesterolemia. Particular compounds suitable for such purposes include glycosides with spirostane, spirostene, or cholesterol aglycones, and **esters** of spirostanes, spiro

This invention was made with government support under Grant Number 5 P51 RR00163 "Support for Regional Primate Research Center" awarded by the Department of Health and Human Services, Division of Research Resources. The government has certain rights in this invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 55 OF 65 USPAT2 on STN  
AN 2002:294308 USPAT2  
TI Neoglycoproteins  
IN Duthaler, Rudolf, Bettingen, SWITZERLAND  
Katopodis, Andreas, Oberwil, SWITZERLAND  
Kinzy, Willy, Lorrach, GERMANY, FEDERAL REPUBLIC OF  
Ohrlein, Reinhold, Rheinfelden, GERMANY, FEDERAL REPUBLIC OF  
Thoma, Gebhard, Lorrach, GERMANY, FEDERAL REPUBLIC OF  
PA Novartis AG, Basel, SWITZERLAND (non-U.S. corporation)  
PI US 6723831 B2 20040420  
AI US 2002-123396 20020416 (10)  
RLI Continuation of Ser. No. US 403111, now patented, Pat. No. US 6399071  
PRAI EP 1997-810243 19970418  
EP 1997-810244 19970418  
GB 1998-2450 19980205  
DT Utility  
FS GRANTED  
EXNAM Primary Examiner: Russel, Jeffrey E.  
LREP Lopez, Gabriel  
CLMN Number of Claims: 11  
ECL Exemplary Claim: 1  
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)  
LN.CNT 1878  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
AB Polyamide conjugates comprising either (a) a xenoantigenic group; or (b) a biologically active group and a macromolecular, macro- or microscopic entity; bound to a polyamide backbone, processes for their preparation and the use of these conjugates in therapeutic compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 56 OF 65 USPAT2 on STN  
AN 2002:192295 USPAT2  
TI Methods of preparing disaccharide and trisaccharide C6-C12 fatty acid esters with high alpha content and materials therefrom  
IN Debenham, John Steele, Kingsport, TN, United States  
Buchanan, Charles Michael, Kingsport, TN, United States  
Wood, Matthew Davie, Gray, TN, United States  
Malcolm, Michael Orlando, Kingsport, TN, United States  
Moore, Mary Kathleen, Jonesborough, TN, United States  
PA Eastman Chemical Company, Kingsport, TN, United States (U.S. corporation)  
PI US 6667397 B2 20031223  
AI US 2001-933409 20010820 (9)  
PRAI US 2000-227990P 20000825 (60)  
DT Utility  
FS GRANTED  
EXNAM Primary Examiner: Wilson, James O.; Assistant Examiner: Krishnan, Ganapathy  
LREP Graves, Bernard J., Blake, Michael J.  
CLMN Number of Claims: 22  
ECL Exemplary Claim: 1  
DRWN 6 Drawing Figure(s); 6 Drawing Page(s)  
LN.CNT 1089  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
AB The present invention provides chemical processes for the preparation of disaccharide and trisaccharide C.sub.6 to C.sub.12 fatty acid esters having a high alpha content. Yet still further, the invention provides materials prepared by the processes disclosed herein.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 57 OF 65 USPAT2 on STN  
AN 2002:191547 USPAT2

TI Parallel combinatorial approach to the discovery and optimization of catalysts and uses thereof  
IN Jacobsen, Eric N., Boston, MA, United States  
Sigman, Matthew S., Somerville, MA, United States  
PA President and Fellows of Harvard College, Cambridge, MA, United States (U.S. corporation)  
PI US 6709824 B2 20040323  
AI US 2001-962012 20010924 (9)  
RLI Division of Ser. No. US 1998-64462, filed on 22 Apr 1998, now patented, Pat. No. US 6316616  
PRAI US 1998-80461P 19980402 (60)  
DT Utility  
FS GRANTED  
EXNAM Primary Examiner: Celsa, Bennett; Assistant Examiner: Epperson, Jon D.  
LREP Gordon, Dana M., LLP, Foley Hoag  
CLMN Number of Claims: 6  
ECL Exemplary Claim: 1  
DRWN 5 Drawing Figure(s); 5 Drawing Page(s)  
LN.CNT 2640

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides methods and compositions, i.e. synthetic libraries of candidate compounds, useful in the discovery and optimization of compounds which catalyze at least one chemical transformation. In certain instances, the subject compounds catalyze a chemoselective, regioselective, stereoselective or enantioselective transformation.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 58 OF 65 USPAT2 on STN  
AN 2002:148249 USPAT2  
TI Cosmetic compositions  
IN Franklin, Kevin Ronald, Wirral, UNITED KINGDOM  
Lasbistes, Nicolas, Wirral, UNITED KINGDOM  
Webb, Nicholas, Wirral, UNITED KINGDOM  
White, Michael Stephen, Wirral, UNITED KINGDOM  
PA Unilever Home & Personal Care USA division of Conopco, Inc., Chicago, IL, United States (U.S. corporation)  
PI US 6589515 B2 20030708  
AI US 2001-982150 20011017 (9)  
PRAI GB 2000-25439 20001017  
DT Utility  
FS GRANTED  
EXNAM Primary Examiner: Dodson, Shelley A.  
LREP Stein, Kevin J.  
CLMN Number of Claims: 49  
ECL Exemplary Claim: 1  
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)  
LN.CNT 1565

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A cosmetic composition, preferably an antiperspirant composition, in solid or soft-solid form has a continuous phase which contains a water-immiscible liquid carrier and also contains a structurant which is partially or fully esterified maltose of the formulae: ##STR1##

which is the  $\beta$ - anomer, and optionally ##STR2##

which is the  $\alpha$ - anomer;

wherein each Z is independently hydrogen or an acyl group of the formula: ##STR3##

where R denotes a hydrocarbyl group containing from 8 to 31 carbon atoms, with the proviso that not more than half of the Z groups are

hydrogen,

and the ratio of  $\beta$ - anomer to  $\alpha$ - anomer is  
from 65:35 to 100:0.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 59 OF 65 USPAT2 on STN  
AN 2002:148248 USPAT2  
TI **Esters**  
IN Grainger, Lynda, Wirral, UNITED KINGDOM  
Gransden, Kathryn Elizabeth, Wirral, UNITED KINGDOM  
Hopkinson, Andrew, Wirral, UNITED KINGDOM  
Kowalski, Adam Jan, Wirral, UNITED KINGDOM  
Webb, Nicholas, Wirral, UNITED KINGDOM  
White, Michael Stephen, Wirral, UNITED KINGDOM  
PA Unilever Home & Personal Care USA, a division of Conopco, Inc., Chicago,  
IL, United States (U.S. corporation)  
PI US 6680048 B2 20040120  
AI US 2001-978954 20011017 (9)  
PRAI GB 2000-25438 20001017  
DT Utility  
FS GRANTED  
EXNAM Primary Examiner: Wilson, James O.; Assistant Examiner: Maier, Leigh C.  
LREP Stein, Kevin J.  
CLMN Number of Claims: 31  
ECL Exemplary Claim: 1  
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)  
LN.CNT 1234

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB **Cellobiose esters** and particularly  $\alpha$   
**cellobiose** octanonanoate has been found able to structure  
water-immiscible liquids well, and in particular can produce clear  
structured emulsions. However, such emulsions tend to lose clarity or  
structural strength during storage. Deviating from  $\alpha$ -  
**cellobiose** octanonanoate can result in impaired clarity and/or  
impaired hardness of emulsion sticks. However, acylated  
**cellobiose** which contains acyl substituents of formula  
--O--CO--R in which R represents an n-octyl residue and the percentage Y  
of the nonanoate acyl substituent --O--CO--R at the anomeric carbon is  
at least 60% and the percentage A of  $\alpha$  anomer is greater  
than the anomer and not higher than  $A=74.5 + 0.2Y$  when Y is up  
to 92% and not higher than  $A=161-0.74Y$  when Y is greater than 92% offers  
the production of sticks combining structural stability with product  
clarity and hardness.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 60 OF 65 USPAT2 on STN  
AN 2002:98862 USPAT2  
TI Antiperspirant compositions  
IN Clare, Sarah Jayne, Merseyside, UNITED KINGDOM  
Franklin, Kevin Ronald, Merseyside, UNITED KINGDOM  
Murphy, Angela Mary, Merseyside, UNITED KINGDOM  
Gransden (nee Rowe), Kathryn Elizabeth, Merseyside, UNITED KINGDOM  
Turner, Graham Andrew, Merseyside, UNITED KINGDOM  
PA Unilever Home & Personal Care, USA division of Conopco, Inc., Chicago,  
IL, United States (U.S. corporation)  
PI US 6391291 B2 20020521  
AI US 2001-902276 20010710 (9)  
PRAI GB 2000-16937 20000710  
DT Utility  
FS GRANTED  
EXNAM Primary Examiner: Dodson, Shelley A.

LREP Stein, Kevin J.  
CLMN Number of Claims: 23  
ECL Exemplary Claim: 1  
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)  
LN.CNT 1455

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A firm solid antiperspirant composition having a continuous phase comprising water-immiscible liquid containing

i) one or more gelating structurant materials which form a network of fibres within the liquid, and

ii) a polymeric thickener which has an organic polymer backbone containing at least five monomer repeat units, which polymer has the ability to increase the viscosity of the water-immiscible liquid in the absence of the gelating structurant materials; and

iii) an antiperspirant active dispersed in the continuous phase, said composition being free from or containing less than 3% by weight of a fatty alcohol that is solid at 20° C.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 61 OF 65 USPAT2 on STN  
AN 2002:63525 USPAT2  
TI Antiperspirant formulations  
IN Franklin, Kevin Ronald, Wirral, UNITED KINGDOM  
Turner, Graham Andrew, Wirral, UNITED KINGDOM  
PA Unilever Home & Personal Care USA, Division of Conopco, Inc (non-U.S. corporation)  
PI US 2002039563 A1 20020404  
AI US 2001-920778 A1 20010802 (9)  
PRAI GB 2000-19232 20000804  
DT Utility  
FS APPLICATION  
LREP UNILEVER, PATENT DEPARTMENT, 45 RIVER ROAD, EDGEWATER, NJ, 07020  
CLMN Number of Claims: 30  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 1650

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Anhydrous antiperspirant formulations in which a particulate antiperspirant active is suspended in a carrier fluid can result in significant visible deposits when applied to skin or when transferred onto clothing.

Anhydrous antiperspirant suspension sticks which exhibit very low visible deposits are obtainable by employing a carrier fluid in which at least 45% and preferably at least 60% of its weight comprises an oxygen-containing emollient oil having a refractive index of at least 1.465, in conjunction with structurant comprises a wax or a non-polymeric fiber-forming gellant, excluding certain gellants or gellant combinations. Preferred emollient oils include alkyl benzoates and alkylphenylsiloxanes. The waxes can even comprise fatty alcohols.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 62 OF 65 USPAT2 on STN  
AN 2001:237462 USPAT2  
TI Cosmetic compositions  
IN Franklin, Kevin Ronald, Bebington, UNITED KINGDOM  
Hopkinson, Andrew, Bebington, UNITED KINGDOM  
PA Unilever Home & Personal Care USA a division of Conopco, Inc., Chicago, IL, United States (U.S. corporation)

PI US 6426060 B2 20020730  
AI US 2000-548309 20000412 (9)  
PRAI GB 1999-8212 19990412  
DT Utility  
FS GRANTED  
EXNAM Primary Examiner: Dees, Jose' G.; Assistant Examiner: George, Konata M.  
LREP Stein, Kevin J.  
CLMN Number of Claims: 29  
ECL Exemplary Claim: 1  
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)  
LN.CNT 1604

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A cosmetic composition is a structured emulsion of a continuous phase containing water-immiscible liquid carrier plus a structurant, and a disperse phase which is a solution of antiperspirant active in a more polar, probably aqueous, solvent. The structurant is a material which forms a network of fibers in the continuous phase, thereby gelling it. The structurant has an enthalpy of gelation in the carrier liquid or a test liquid with a magnitude of at least 30 kJ/mole. This minimum enthalpy of gelation facilitates processing at conveniently accessible temperatures and promotes stability.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 63 OF 65 USPAT2 on STN  
AN 2001:188221 USPAT2  
TI Cosmetic compositions  
IN Franklin, Kevin Ronald, Bebington, UNITED KINGDOM  
Kowalski, Adam Jan, Bebington, UNITED KINGDOM  
Parrott, David Terence, Chicago, IL, United States  
Rowe, Kathryn Elizabeth, Bebington, UNITED KINGDOM  
White, Michael Stephen, Bebington, UNITED KINGDOM  
PA Unilever Home & Personal Care USA division of Conopco, Inc., Chicago, IL, United States (U.S. corporation)  
PI US 6458344 B2 20021001  
AI US 2001-826494 20010404 (9)  
RLI Division of Ser. No. US 2000-548310, filed on 12 Apr 2000  
PRAI GB 1999-8202 19990412  
DT Utility  
FS GRANTED  
EXNAM Primary Examiner: Dodson, Shelly A.  
LREP Stein, Kevin J.  
CLMN Number of Claims: 22  
ECL Exemplary Claim: 1  
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)  
LN.CNT 1667

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A cosmetic composition preferably an antiperspirant composition, in solid or soft-solid form has a continuous phase which contains a water-immiscible liquid carrier and also contains a structurant which is partially or fully esterified **cellobiose** of the formula  
##STR1##

wherein each Z is independently hydrogen or an acyl group of the formula  
##STR2##

where R denotes a hydrocarbyl group containing from 4 to 22 carbon atoms. Not more than half of the Z groups are hydrogen.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 64 OF 65 USPAT2 on STN  
AN 2001:144910 USPAT2  
TI Antiperspirant compositions

IN Chuah, Beng Sim, Merseyside, UNITED KINGDOM  
 Clare, Sarah Jane, Merseyside, UNITED KINGDOM  
 Franklin, Kevin Ronald, Merseyside, UNITED KINGDOM  
 Hough, Gordon Charles, Merseyside, UNITED KINGDOM  
 Turner, Graham Andrew, Merseyside, UNITED KINGDOM  
 PA Unilever Home & Personal Care USA division of Conopco, Inc., Chicago,  
 IL, United States (U.S. corporation)  
 PI US 6387358 B2 20020514  
 AI US 2001-759123 20010112 (9)  
 PRAI GB 2000-875 20000114  
 GB 2000-16942 20000710  
 DT Utility  
 FS GRANTED  
 EXNAM Primary Examiner: Dodson, Shelley A.  
 LREP Stein, Kevin J.  
 CLMN Number of Claims: 20  
 ECL Exemplary Claim: 1  
 DRWN 0 Drawing Figure(s); 0 Drawing Page(s)  
 LN.CNT 1307

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Soft solid antiperspirant formulations in which a particulate antiperspirant active material is suspended in a continuous phase containing a water-immiscible liquid which is structured by specified proportions of an organic polymeric thickener and a second structurant selected from fibre-forming structurants and waxes (often other than fatty alcohols) or a mixture of both.

Such soft solid formulations avoid or minimise problems inherent in production of many published formulations such as sensitivity to small changes in concentration of the structurant.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 65 OF 65 WPINDEX COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN 2003-731379 [69] WPINDEX  
 DNN N2003-584675 DNC C2003-201204  
 TI Plasticizer composition used as plasticizers for polymer composition comprises plasticizer having carbohydrate organic **ester** and polyol **ester**, and **ester** of cellulose.  
 DC A11 E13 U14  
 IN BUCHANAN, C M; BUCHANAN, N L; EDGAR, K J; LAMBERT, J L  
 PA (BUCH-I) BUCHANAN C M; (BUCH-I) BUCHANAN N L; (EDGA-I) EDGAR K J; (LAMB-I) LAMBERT J L; (EACH) EASTMAN CHEM CO  
 CYC 102  
 PI WO 2003062314 A1 20030731 (200369)\* EN 98  
 RW: AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS  
 LU MC MW MZ NL OA PT SD SE SI SK SL SZ TR TZ UG ZM ZW  
 W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK  
 DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR  
 KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT  
 RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM  
 ZW  
 US 2003171458 A1 20030911 (200369)  
 AU 2003205078 A1 20030902 (200422)  
 ADT WO 2003062314 A1 WO 2003-US681 20030110; US 2003171458 A1 Provisional US  
 2002-349063P 20020116, US 2003-340012 20030110; AU 2003205078 A1 AU  
 2003-205078 20030110  
 FDT AU 2003205078 A1 Based on WO 2003062314  
 PRAI US 2002-349063P 20020116; US 2003-340012 20030110  
 AN 2003-731379 [69] WPINDEX  
 AB WO2003062314 A UPAB: 20031027  
 NOVELTY - Developing plasticizers for cellulose **esters** that have low volatility, good compatibility and other beneficial properties.  
 DETAILED DESCRIPTION - A plasticizer composition has plasticizer



having 5-95 weight% of 2-12C carbohydrate organic **ester** and 5-95 weight% 2-12C polyol **ester** derived from 5-6C carbohydrate; and 5-95 weight% of 2-10C **ester** of cellulose having degree of substitution (DS) of 0.7-3. When the polyol **ester** is present to provide cellulose **ester**/polyol **ester** binary blend, the polyol **ester** does not comprise polyol acetate. The carbohydrate comprises 1-3 monosaccharide units.

INDEPENDENT CLAIMS are also included for:

(1) an article prepared from the inventive composition; and  
(2) a method of plasticizing the polymer composition comprising introducing the plasticizer into the polymer composition; and mixing the plasticizer with the polymer composition.

USE - The invention is used as plasticizer for polymer composition to prepare article comprising film useful for coating with adhesive to provide adhesive tape. The film is a solvent cast film for use as protective film for liquid crystal displays or as backing for photographic or movie film. (all claimed)

ADVANTAGE - The invention has low volatility and good compatibility.

DESCRIPTION OF DRAWING(S) - The figures show the alpha and beta anomers of glucose and their reactions with acetic anhydride using different catalysts, and a tan for selected CAB (sic)-XPA (sic), XPP (sic) blends.  
1, 15/15

=> dis hist

(FILE 'HOME' ENTERED AT 12:46:39 ON 30 AUG 2004)

FILE 'APOLLIT, BABS, CAPLUS, CBNB, CEN, CIN, DISSABS, EMA, IFIPAT, JICST-EPLUS, PASCAL, PLASNEWS, PROMT, RAPRA, SCISEARCH, TEXTILETECH, USPATFULL, USPAT2, WPIFV, WPINDEX, WTEXTILES' ENTERED AT 12:46:54 ON 30 AUG 2004

L1 79227 S DISACCHARIDE OR TRISACCHARIDE  
L2 21221 S L1 AND (ESTER OR ALKANOATE)  
L3 1112 S L2 AND CELLOBIOSE  
L4 9 S L3 AND NONANOATE  
L5 1 S L3 AND (OCTA(W)ALKANOATE OR OCTA(W)NONANOATE)  
L6 16739 S CELLOBIOSE  
L7 2729 S L6 AND (ESTER OR ALKANOATE)  
L8 122 S L7 AND ANOMER  
L9 65 S L8 AND (TFAA OR ANHYDRIDE)